

2017 FRASER RIVER SOCKEYE ESCAPEMENT Inseason Update

These updates provide general information from operational Sockeye salmon escapement estimation field studies in the Fraser River, including enumeration fences, mark-recapture studies, sonar projects and visual surveys. They are intended to provide in-season information on run timing and relative abundance, environmental conditions on the spawning grounds (water temperatures and levels), fish condition and behavior. These data are not escapement estimates and should not be interpreted as such.

EARLY RUN (STUART)

Cyclic visual surveys began on July 26th. Live counts, dead recovery and water temperatures from surveys conducted during the current reporting period are reported in Table 1. Sockeye are currently at the tail end of peak die-off. This project is nearing completion. Water temperatures in the Early Stuart streams range from 9.0°C to 20.0°C.

EARLY SUMMER RUN

Scotch Creek

The counting fence at Scotch Creek was fish-tight and operational as of August 9th; no Sockeye have passed through the fence to date (Table 3), however, Sockeye have been observed holding immediately downstream of the fence. The water temperature in Scotch Creek is 16.0°C.

North / South Thompson Roving

Cyclic visual surveys in the system began yesterday (August 16th) on the Upper Barriere River. No Sockeye were observed (Table 1). The water temperature in the Upper Barriere River is 12.0°C.

Lower Fraser Roving

The first survey of Upper Chilliwack River was conducted on August 15th (Table 1). Sockeye are approaching peak of spawn and appear vigorous and healthy. The water temperature in Upper Chilliwack River is 9.0°C.

SUMMER RUN

Chilko River

The Chilko River hydroacoustic site was operational August 4th. Sockeye continue to be in the early stages of migration into the system; a total of 621 Sockeye have been estimated past the sonar site through August 15th (Table 4). The water temperature in Chilko River is 15.0°C.

Quesnel River

The Quesnel River hydroacoustic site was operational August 9th. In-season estimates of daily Sockeye passage will be reported through the duration of Sockeye arrival to the Quesnel Lake system (Table 5). Sockeye are in the early stages of migration into the system; a total of 544 Sockeye have been estimated past the sonar site through August 15th. The water temperature in Quesnel River is 17.0°C.

LATE RUN

Cultus Lake

The counting fence at Sweltzer Creek was fish-tight on July 31st; a total of 18 Sockeye have passed through the fence through August 15th (Table 2). Sockeye through the fence appear to be vigorous and healthy. The water temperature in Sweltzer Creek is 24.0°C.

The next scheduled update will be on Thursday, August 24th.

Table 1. Live counts and number of Sockeye carcasses recovered on streams surveyed during the current reporting period ('-' indicates no survey conducted). **Note: These data are not escapement estimates and should not be interpreted as such.**

SYSTEM	Water					Water				
	Date	Survey #	Temp. (°C)	Live Count	Carcasses Recovered	Date	Survey #	Temp. (°C)	Live Count	Carcasses Recovered
EARLY STUART										
<u>Driftwood River</u>										
Driftwood River	-	-	-	-	-	-	-	-	-	-
Kastberg Creek	-	-	-	-	-	-	-	-	-	-
Kotsine River	-	-	-	-	-	-	-	-	-	-
<u>Takla Lake - Northwest Arm</u>										
Crow Creek	12-Aug	5	9.5	0	2	-	-	-	-	-
Dust Creek	12-Aug	5	13.5	23	12	16-Aug	6	12.0	4	0
Hooker Creek	12-Aug	5	9.0	0	0	-	-	-	-	-
McDougall Creek	12-Aug	5	14.0	0	0	-	-	-	-	-
Point Creek	12-Aug	5	10.0	0	0	-	-	-	-	-
Sinta Creek	12-Aug	5	10.5	0	0	-	-	-	-	-
<u>Takla Lake - Northeast Arm</u>										
Ankwill Creek	16-Aug	1	10.5	25	2	-	-	-	-	-
Blanchet Creek	11-Aug	5	11.5	4	1	-	-	-	-	-
Blanchet North Creek	11-Aug	5	12.5	0	0	-	-	-	-	-
Frypan Creek	11-Aug	5	13.5	42	5	15-Aug	6	10.0	10	2
Hudson's Bay Creek	11-Aug	5	14.0	0	0	-	-	-	-	-
Lovell Creek (Forsythe Creek)	11-Aug	5	13.0	11	0	15-Aug	6	10.5	7	1
Maclaing Creek (5 Mile Creek)	11-Aug	5	13.0	0	0	-	-	-	-	-
Shale Creek	11-Aug	5	12.0	61	14	15-Aug	6	10.5	26	13
Titi Creek (10 Mile Creek)	11-Aug	4	15.0	0	0	-	-	-	-	-
15 Mile Creek	11-Aug	5	14.0	43	0	15-Aug	6	10.5	33	6
25 Mile Creek	01-Aug	5	12.5	0	0	-	-	-	-	-
<u>Takla Lake - Main Arm</u>										
Bivouac Creek	12-Aug	5	10.0	4	17	16-Aug	6	10.5	0	7
Gluske Creek	10-Aug	4	11.0	490	299	13-Aug	5	10.0	110	378
Leo Creek	10-Aug	3	17.0	0	0	-	-	-	-	-
Narrow s Creek	11-Aug	5	14.0	128	209	15-Aug	6	11.0	34	45
Sakeniche River	12-Aug	5	17.5	0	0	-	-	-	-	-
Sandpoint Creek	11-Aug	5	12.0	40	34	15-Aug	6	10.5	7	1
<u>Middle River</u>										
Baptiste Creek	10-Aug	3	19.0	0	0	14-Aug	4	16.5	0	0
Forfar Creek	13-Aug	5	12.0	306	1,173	-	-	-	-	-
Kazchek Creek	10-Aug	4	20.0	0	0	14-Aug	5	15.5	0	0
Middle River	14-Aug	4	17.5	0	0	-	-	-	-	-
O'Ne-Ell Creek (Kynoch Creek)	13-Aug	5	11.5	515	687	-	-	-	-	-
Van Decar Creek (Rossette Creek)	13-Aug	5	11.5	78	216	16-Aug	6	10.5	21	71
<u>Trembleur Lake</u>										
Fleming Creek	-	-	-	-	-	-	-	-	-	-
Paula Creek	10-Aug	4	12.0	22	5	14-Aug	5	11.0	5	12
Sidney Creek (Felix Creek)	10-Aug	4	11.0	1,379	614	14-Aug	5	9.0	566	811
Tildesley Creek	-	-	-	-	-	-	-	-	-	-
<u>NORTH THOMPSON</u>										
Barriere River, upper	16-Aug	1	12.0	0	0	-	-	-	-	-
<u>LOWER FRASER RIVER</u>										
Chilliwack River, upper	15-Aug	1	9.0	2,696	110	-	-	-	-	-

Table 2. Daily fence counts of Sockeye salmon through Sweltzer Creek, 2005-2017.

Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
													Lake	Brood
11-Jul	-	-	-	-	-	-	-	-	-	-	-	0	-	-
12-Jul	-	-	-	-	-	-	-	-	-	-	-	0	-	-
13-Jul	-	-	-	-	-	-	-	-	-	-	-	0	-	-
14-Jul	-	-	-	-	-	-	-	-	-	-	-	0	-	-
15-Jul	-	-	-	-	-	-	-	-	-	-	-	0	-	-
16-Jul	-	-	-	-	-	-	-	-	-	-	-	0	-	-
17-Jul	-	-	-	-	-	-	-	-	-	-	-	0	-	-
18-Jul	-	-	-	-	-	-	-	-	-	-	-	0	-	-
19-Jul	-	-	-	-	-	-	-	-	-	-	-	0	-	-
20-Jul	-	-	-	-	-	-	-	-	-	-	0	0	-	-
21-Jul	-	-	-	-	0	-	0	-	-	-	0	0	-	-
22-Jul	-	-	-	-	0	-	0	-	-	-	0	0	-	-
23-Jul	-	-	-	-	0	-	0	-	-	-	0	0	-	-
24-Jul	-	-	-	-	0	-	0	-	-	-	0	0	-	-
25-Jul	-	-	-	-	0	-	0	-	-	-	0	0	-	-
26-Jul	-	-	-	-	0	-	0	-	-	-	0	0	-	-
27-Jul	-	-	0	-	0	-	0	-	-	-	0	0	-	-
28-Jul	0	-	0	0	0	1	0	-	-	0	0	0	-	-
29-Jul	0	-	0	2	0	0	0	-	-	0	0	0	-	-
30-Jul	0	-	0	1	0	2	0	-	1	0	0	0	-	-
31-Jul	0	1	0	0	0	4	0	0	0	0	0	0	0	0
01-Aug	0	1	0	0	0	1	0	0	0	0	0	0	0	0
02-Aug	0	0	0	0	0	4	0	0	0	1	0	0	0	0
03-Aug	0	3	0	0	0	5	0	0	0	0	0	3	0	0
04-Aug	0	9	0	0	0	0	0	0	4	0	0	1	0	0
05-Aug	0	8	0	2	0	21	1	0	0	4	0	9	0	0
06-Aug	0	14	0	7	0	18	1	1	1	0	0	2	0	0
07-Aug	0	5	0	2	0	9	2	0	5	0	0	4	1	0
08-Aug	0	5	0	1	0	18	7	2	2	2	0	2	0	0
09-Aug	0	13	0	2	0	11	3	0	4	1	0	8	0	0
10-Aug	0	10	2	4	0	15	5	3	5	2	1	24	4	0
11-Aug	0	15	0	6	0	5	2	3	6	2	1	11	3	0
12-Aug	0	1	2	5	1	34	0	3	3	1	4	48	5	0
13-Aug	0	10	4	6	2	51	3	5	0	2	1	15	0	0
14-Aug	0	15	2	4	0	30	5	6	1	0	1	64	4	0
15-Aug	0	28	3	6	0	8	5	15	2	1	1	36	1	0
16-Aug	0	22	0	7	1	7	1	10	3	0	0	69		
17-Aug	0	31	1	2	1	25	5	4	1	2	6	80		
18-Aug	1	86	1	7	1	7	7	3	5	2	2	101		
19-Aug	3	70	1	6	0	35	2	7	3	14	1	45		
20-Aug	0	48	4	4	2	33	2	10	2	15	1	21		
21-Aug	1	42	4	28	1	47	1	17	1	18	1	39		
22-Aug	1	41	2	15	2	52	4	27	1	26	1	43		
23-Aug	1	46	4	12	1	54	11	22	2	6	4	67		
24-Aug	2	27	15	17	3	60	7	13	5	5	9	64		
25-Aug	1	110	8	12	4	58	3	23	2	4	9	62		
26-Aug	4	97	1	4	3	35	9	50	1	5	5	68		
27-Aug	2	59	7	3	4	27	6	54	3	11	16	73		
28-Aug	2	34	4	10	3	41	5	34	9	5	31	84		
29-Aug	1	28	0	16	3	30	9	13	16	6	27	45		
30-Aug	3	32	3	48	15	18	4	19	21	10	41	101		
31-Aug	3	28	13	14	12	20	2	16	12	4	42	174		
01-Sep	3	54	3	17	13	29	4	8	24	4	34	87		
02-Sep	8	107	4	22	10	16	2	18	36	4	17	91		
03-Sep	8	111	7	20	16	54	9	47	31	15	11	61		
04-Sep	5	72	3	8	15	72	2	48	30	26	51	89		
05-Sep	0	64	5	25	29	33	8	55	31	28	67	159		
06-Sep	5	58	6	5	16	39	5	25	59	35	104	91		
07-Sep	6	74	5	13	13	31	10	51	161	28	100	69		
08-Sep	14	30	10	10	9	41	10	29	141	24	127	54		
09-Sep	0	53	12	24	17	45	16	37	79	6	20	38		

Continued

Table 2. Daily fence counts of Sockeye salmon through Sweltzer Creek, 2005-2017, continued.

Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
													Lake	Brood
10-Sep	8	70	17	23	15	61	25	38	145	9	10	78		
11-Sep	1	53	25	8	46	53	24	10	95	14	17	50		
12-Sep	12	67	22	6	119	34	55	10	70	13	21	29		
13-Sep	8	58	25	5	146	28	114	9	122	12	25	34		
14-Sep	4	33	19	13	177	78	206	9	161	11	34	34		
15-Sep	3	21	27	13	59	94	203	21	190	9	20	18		
16-Sep	6	41	63	2	85	92	236	25	115	6	13	34		
17-Sep	5	28	55	2	26	69	142	39	88	7	24	37		
18-Sep	0	69	38	0	33	113	221	41	33	12	3	68		
19-Sep	9	22	23	0	32	34	153	50	42	38	3	25		
20-Sep	3	45	38	0	33	546	65	33	61	20	25	16		
21-Sep	9	103	27	3	43	190	89	32	68	25	71	13		
22-Sep	9	18	25	4	19	134	183	37	141	16	62	12		
23-Sep	5	203	17	1	14	103	451	13	161	56	22	16		
24-Sep	2	382	30	0	20	154	272	13	136	286	23	26		
25-Sep	4	288	13	0	15	226	318	7	130	241	8	8		
26-Sep	8	130	3	2	13	430	276	2	64	276	16	4		
27-Sep	6	76	2	2	10	939	1182	7	42	314	10	4		
28-Sep	1	55	18	3	9	719	730	3	46	323	9	4		
29-Sep	16	36	14	8	13	1345	548	5	54	284	2	7		
30-Sep	31	31	6	5	5	653	262	1	53	268	8	7		
01-Oct	23	19	32	0	1	423	200	2	79	367	24	7		
02-Oct	31	14	24	2	2	523	57	0	75	179	12	4		
03-Oct	16	6	22	4	2	328	128	3	31	266	6	1		
04-Oct	9	8	13	1	3	216	128	0	33	129	7	2		
05-Oct	15	5	3	1	2	102	141	0	58	55	5	1		
06-Oct	7	1	4	2	1	78	61	1	37	48	6	3		
07-Oct	9	1	6	0	1	39	25	1	26	53	14	2		
08-Oct	7	6	12	2	1	36	22	1	34	49	18	1		
09-Oct	1	6	8	7	5	22	6	1	23	52	21	55		
10-Oct	0	6	7	1	4	56	79	0	21	31	39	22		
11-Oct	4	3	1	0	0	254	58	1	26	32	11	7		
12-Oct	1	3	2	0	1	206	212	0	10	27	33	3		
13-Oct	1	9	0	0	0	155	69	1	27	23	13	5		
14-Oct	0	4	1	0	5	76	52	8	18	162	12	7		
15-Oct	0	12	1	1	8	50	23	12	22	156	11	10		
16-Oct	0	15	1	0	14	76	21	27	21	108	1	2		
17-Oct	0	10	1	1	14	35	21	9	5	45	1	9		
18-Oct	5	8	1	0	78	18	10	0	8	17	3	2		
19-Oct	2	2	0	1	36	29	16	1	11	20	2	2		
20-Oct	1	5	1	0	28	22	21	1	6	7	1	8		
21-Oct	6	5	2	0	17	15	21	1	11	15	3	5		
22-Oct	2	0	2	0	47	20	16	0	12	8	1	2		
23-Oct	5	4	0	0	40	13	21	0	8	21	0	2		
24-Oct	0	1	3	0	48	16	22	0	5	22	0	2		
25-Oct	1	2	3	0	7	18	21	0	9	22	2	0		
26-Oct	0	1	1	0	71	41	12	0	12	26	2	0		
27-Oct	2	11	1	0	21	66	4	1	6	13	1	1		
28-Oct	0	45	0	0	18	25	9	0	12	2	1	2		
29-Oct	1	16	1	0	16	6	11	0	6	3	0	0		
30-Oct	0	27	0	0	9	13	11	0	5	16	3	1		
31-Oct	0	8	1	0	10	15	10	0	9	20	3	0		
01-Nov	0	9	0	0	2	53	2	0	4	14	0	1		
02-Nov	0	8	0	1	9	43	2	0	6	5	3	0		
03-Nov	0	25	1	0	8	44	4	0	19	10	2	1		
04-Nov	0	42	0	0	6	14	3	1	10	8 ^a	1	1		
05-Nov	0	17	1	0	5	52	1	0	4	6 ^a	0	1		
06-Nov	0	11	1	0	10	27	1	0	5	6 ^a	-1	-1		
07-Nov	0	7	0	0	4	71	3	0	5	6 ^a	-3	4		
08-Nov	1	5	0	0	1	29	0	0	35	4 ^a	-2	-2		
09-Nov	0	2	0	0	3	14	2	0	3	4 ^a	-2	3		

Continued

Table 2. Daily fence counts of Sockeye salmon through Sweltzer Creek, 2005-2017, continued.

Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
													Lake	Brood
10-Nov	1	1	0	0	3	9	1	0	3	4 ^a	2	0		
11-Nov	0	3	0	0	9	12	0	0	0	4 ^a	-1	3		
12-Nov	0	1	0	0	2	2	4	0	0	0	1 ^a	-		
13-Nov	0	2	0	0	3	27	0	0	6	2	1 ^a	-		
14-Nov	0	2	0	0	2	7	0	0	3	0	0	-		
15-Nov	0	0	0	0	2	12	0	0	3	2	0	-		
16-Nov	0	0	0	0	1	4	0	0	2	0	0	-		
17-Nov	1	3	0	0	0	0	0	0	4	2	0	-		
18-Nov	0	3	0	0	0	1	0	0	0	1	0	-		
19-Nov	0	0	0	0	0	1	0	0	4	0	-	-		
20-Nov	0	1	0	0	2	0	-	0	0	0	-	-		
21-Nov	0	1	0	0	2	0	-	-	0	0	-	-		
22-Nov	0	0	0	0	2	0	-	-	0	0	-	-		
23-Nov	0	0	0	0	1	0	-	-	0	0	-	-		
24-Nov	0	0	0	-	0	0	-	-	0	0	-	-		
25-Nov	0	0	0	-	1	0	-	-	0	0	-	-		
26-Nov	0	0	0	-	2	0	-	-	0	0	-	-		
27-Nov	0	0	0	-	0	0	-	-	0	0	-	-		
28-Nov	0	0	0	-	0	0	-	-	0	0	-	-		
29-Nov	0	0	-	-	0	-	-	-	0	0	-	-		
30-Nov	0	0	-	-	0	-	-	-	0	0	-	-		
01-Dec	0	0	-	-	2	-	-	-	0	0	-	-		
02-Dec	0	0	-	-	1	-	-	-	0	0	-	-		
03-Dec	-	0	-	-	0	-	-	-	0	0	-	-		
04-Dec	-	0	-	-	0	-	-	-	0	0	-	-		
05-Dec	-	0	-	-	-	-	-	-	0	0	-	-		
06-Dec	-	0	-	-	-	-	-	-	0	0	-	-		
07-Dec	-	0	-	-	-	-	-	-	0	0	-	-		
08-Dec	-	0	-	-	-	-	-	-	0	0	-	-		
09-Dec	-	0	-	-	-	-	-	-	0	0	-	-		
10-Dec	-	0	-	-	-	-	-	-	0	0	-	-		
11-Dec	-	0	-	-	-	-	-	-	0	0	-	-		
12-Dec	-	0	-	-	-	-	-	-	-	0	-	-		
13-Dec	-	0	-	-	-	-	-	-	-	0	-	-		
14-Dec	-	-	-	-	-	-	-	-	-	0	-	-		
15-Dec	-	-	-	-	-	-	-	-	-	0	-	-		
16-Dec	-	-	-	-	-	-	-	-	-	0	-	-		
Total	376	3,797	800	521	1,722	10,655	7,464	1,155	3,512	4,631	1,419	2,805	18	0

^a. Partial fence removal due to high water; sockeye may have passed undetected.

Table 3. Daily fence counts of Sockeye salmon in Scotch Creek, 2007-2017 (data supplied by Secwepemc Fisheries Commission)

Date	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
31-Jul	-	-	-	-	-	-	-	-	-	-	-
01-Aug	-	-	-	-	-	-	-	-	-	-	-
02-Aug	-	-	-	-	-	-	-	-	-	-	-
03-Aug	-	-	-	-	-	-	-	-	-	-	-
04-Aug	-	-	-	-	-	-	-	0	-	-	-
05-Aug	-	-	-	0	-	-	-	0	-	-	-
06-Aug	-	-	-	0	-	-	-	1	-	-	-
07-Aug	0	0	-	0	-	-	1	0	-	-	-
08-Aug	0	0	-	0	-	-	1	0	-	-	-
09-Aug	0	0	-	0	-	1	1	0	0	0	0
10-Aug	19	0	-	0	-	0	0	1	0	0	0
11-Aug	43	0	0	4,568	-	0	1	0	0	0	0
12-Aug	138	0	0	9,201	-	0	2	1	0	0	0
13-Aug	59	3	13	8,054	-	1	7	0	0	0	0
14-Aug	28	2	0	10,110	-	0	4	0	0	0	0
15-Aug	14	1	0	1,997	-	0	0	0	0	0	0
16-Aug	50	0	0	8,776	-	2	31	66	0	0	0
17-Aug	166	0	0	13,865	1,100 ^a	0	223	425	1	0	0
18-Aug	370	1	19	8,337	2,726	1	330	293	3	0	-
19-Aug	1,570	15	84	15,761	2,600	0	872	3,219	-1	0	-
20-Aug	1,427	11	50	32,655	698	0	1,423	2,616	0	0	-
21-Aug	617	90	147	70,370	2,842	2	4,377	3,083	0	1	-
22-Aug	519	120	35	42,817	2,535	26	1,998	3,160	10	45	-
23-Aug	495	16	204	29,641	2,802	83	1,141	5,685	117	259	-
24-Aug	124	70	749	32,143	2,666	203	950	3,685	156	210	-
25-Aug	183	87	486	13,931	2,257	808	527	9,530	96	49	-
26-Aug	255	72	388	19,297	1,232	293	1,853	9,380	77	35	-
27-Aug	94	17	663	13,247	1,803	125	1,629	8,373	154	34	-
28-Aug	563	26	309	19,388	424	55	1,821	4,788	246	79	-
29-Aug	277	34	170	43,245	1,274	52	1,216	18,372	538	44	-
30-Aug	112	14	365	19,898	1,597	24	1,018	7,736	443	29	-
31-Aug	240	3	264	11,962	1,777	33	857	6,914	512	26	-
01-Sep	48	8	277	17,969	1,947	21	719	8,947	882	20	-
02-Sep	30	5	294	14,798	757	20	774	6,285	264	7	-
03-Sep	179	7	109	15,514	578	39	1,090	6,678	330	23	-
04-Sep	84	3	56	7,280	368	8	688	6,990	493	21	-
05-Sep	74	3	130	7,507	396	4	814	3,559	206	11	-
06-Sep	73	1	102	3,513	177	6	501	2,814	517	9	-
07-Sep	77	1	40	10,235	103	6	750	2,641	239	9	-
08-Sep	28	0	113	4,078	141	4	644	1,545	218	5	-
09-Sep	27	0	27	3,361	75	4	471	1,542	240	1	-
10-Sep	54	0	7	1,384	14	2	393	1,514	126	4	-
11-Sep	52	-	19	1,578	7	1	195	1,285	109	3	-
12-Sep	31	-	3	60 ^a	0	2	144	1,285	64	1	-
13-Sep	19	-	0	-	0	-	101	1,163	51	2	-
14-Sep	19	-	8	-	18	-	52	705	52	3	-
15-Sep	13	-	8	-	0	-	15	557	17	-	-
16-Sep	9	-	0	-	22	-	-	335	14	-	-
17-Sep	7	-	0	-	-	-	-	148	-	-	-
18-Sep	5	-	0	-	-	-	-	-	-	-	-
19-Sep	-	-	0	-	-	-	-	-	-	-	-
20-Sep	-	-	0	-	-	-	-	-	-	-	-
21-Sep	-	-	0	-	-	-	-	-	-	-	-
22-Sep	-	-	-	-	-	-	-	-	-	-	-
23-Sep	-	-	-	-	-	-	-	-	-	-	-
24-Sep	-	-	-	-	-	-	-	-	-	-	-
25-Sep	-	-	-	-	-	-	-	-	-	-	-
Total	8,192	610	5,139	516,540	32,936	1,826	27,634	135,321	6,174	930	0

^a Fence breached due to high water and carcass load at 0700hrs.

Table 4. In-season daily estimates of Sockeye passage and number of 20 minute counts from the Chilko River hydroacoustic site, 2016-2017.

Date	2016		2017	
	No. of Counts ^a	Sockeye	No. of Counts ^a	Sockeye
04-Aug	-	-	9	32
05-Aug	16	27	21	0
06-Aug	48	26	20	14
07-Aug	43	25	39	20
08-Aug	39	33	48	50
09-Aug	48	62	48	30
10-Aug	48	123	36	54
11-Aug	48	176	8	18
12-Aug	48	287	16	99
13-Aug	48	561	30	98
14-Aug	48	563	48	89
15-Aug	48	837	48	117
16-Aug	48	1,310		
17-Aug	48	4,498		
18-Aug	48	5,868		
19-Aug	48	3,684		
20-Aug	48	4,184		
21-Aug	48	3,477		
22-Aug	48	3,513		
23-Aug	48	3,731		
24-Aug	48	6,345		
25-Aug	48	5,855		
26-Aug	48	7,721		
27-Aug	48	7,167		
28-Aug	48	4,155		
29-Aug	48	5,376		
30-Aug	30	4,061		
31-Aug	32	5,117		
01-Sep	48	3,993		
02-Sep	48	4,754		
03-Sep	48	5,576		
04-Sep	48	6,201		
05-Sep	48	5,927		
06-Sep	48	4,343		
07-Sep	48	3,960		
08-Sep	48	3,408		
09-Sep	48	3,629		
10-Sep	48	3,495		
11-Sep	48	3,812		
12-Sep	48	2,453		
13-Sep	35	2,408		
14-Sep	39	2,651		
15-Sep	48	2,246		
16-Sep	48	1,568		
17-Sep	48	2,022		
18-Sep	48	1,418		
19-Sep	48	933		
20-Sep	45	1,093		
21-Sep	48	1,086		
22-Sep	48	870		
23-Sep	48	749		
24-Sep	48	336		
25-Sep	48	711		
26-Sep	45	1,042		
27-Sep	48	1,200		
28-Sep	28	1,445		
29-Sep	8	468		
30-Sep	23	299		
01-Oct	39	556		
02-Oct	48	465		
Total		153,889	621	

^a Number of 20 min counts includes left and right bank sonar units

Table 5. In-season daily estimates of Sockeye passage and number of 20 minute counts from the Quesnel River hydroacoustic site, 2017.

Date	No. of Counts ^a	Sockeye
09-Aug	48	0
10-Aug	48	45
11-Aug	48	87
12-Aug	48	12
13-Aug	38	76
14-Aug	48	129
15-Aug	48	195
16-Aug		
17-Aug		
18-Aug		
19-Aug		
20-Aug		
21-Aug		
22-Aug		
23-Aug		
24-Aug		
25-Aug		
26-Aug		
27-Aug		
28-Aug		
29-Aug		
30-Aug		
31-Aug		
01-Sep		
02-Sep		
03-Sep		
04-Sep		
05-Sep		
06-Sep		
07-Sep		
08-Sep		
09-Sep		
10-Sep		
11-Sep		
12-Sep		
13-Sep		
14-Sep		
15-Sep		
16-Sep		
17-Sep		
18-Sep		
19-Sep		
20-Sep		
21-Sep		
22-Sep		
23-Sep		
27-Sep		
Total		544

^a Number of 20 min counts includes left and right bank sonar units