

# Kuskokwim River Salmon Management Working Group

1 (800) 315-6338 (MEET) Code: 58756# (KUSKO)

ADF&G Bethel toll free: 1 (855) 933-2433

## Meeting Agenda

Date: **July 7, 2012**

Time: **2:00 pm**

Place: **Bethel**

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Time Called to Order

Chair

Time Adjourned

**ROLL CALL TO ESTABLISH QUORUM:**      **QUORUM MET? Yes / No**

**Upriver Elder:**

**Processor:**

**Downriver Elder:**

**Member at Large:**

**Commercial Fisher:**

**Sport Fisher:**

**Lower River Subsistence:**

**Western Interior RAC:**

**Middle River Subsistence:**

**Y-K Delta RAC:**

**Upper River Subsistence:**

**ADF&G:**

**Headwaters Subsistence:**

**INTRODUCTIONS:**

**INVOCATION:**

**APPROVAL OF AGENDA:**

**PEOPLE TO BE HEARD:**

**CONTINUING BUSINESS:**

1. Subsistence Reports:
  - a. Lower River:
  - b. ONC Inseason Subsistence:
  - c. Middle River:
  - d. KNA Inseason Subsistence:
  - e. Upper River:
  - f. Headwaters:
2. Overview of Kuskokwim River salmon run assessment projects:
  - a. Bethel Test Fish
  - b. Weirs/Mark-Recapture/Aerial Surveys/Other:
3. Commercial Catch Report:
4. Processor Report:
5. Sport Fish Report:
6. Weather Forecast:
7. Recommendation:
8. Motion for Discussion and Action:

**OLD BUSINESS:**

1. Old business items from previous meetings have been tabled until mid-July.

**NEW BUSINESS:**

**COMMENTS FROM WORKING GROUP MEMBERS:**

**NEXT MEETING DATE:** \_\_\_\_\_ **Time:** \_\_\_\_\_ **Place:** \_\_\_\_\_

# Kuskokwim River Salmon Management Working Group

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## Information Packet

July 7, 2012

### **LOWER KUSKOKWIM RIVER INSEASON REPORTS:**

#### **Kuskokwim River In-season Subsistence Catch Monitoring Report Orutsararmiut Native Council (ONC)**

Date July 2, 2012

#### **Fishing reports from June 28 – July 2, 2012.**

Families Surveyed	Families Fishing	Using Driftnets	Using Setnets	Both	Gillnets More than 6" mesh	Gillnets 6" mesh or less	Both	Rod & Reel
25	24	14	3	7	0	24	0	1

#### **Compared with this time in a normal year, how are catch rates for salmon this week?**

Chinook			Chum			Sockeye		
Very Good	Normal	Poor	Very Good	Normal	Poor	Very Good	Normal	Poor
0	1	23	10	13	1	7	15	2

#### **Does the salmon run appear to be running early, late, or normal?**

Chinook			Chum			Sockeye		
Early	Normal	Late	Early	Normal	Late	Early	Normal	Late
0	2	22	1	22	1	5	11	8

**Comments:** During the 4-inch mesh restriction in Rolling Closure Section 2 (the Bethel area) some people reported catching a surprisingly high number of small Chinook in both 4-inch set nets and 4-inch drift nets. Many families also reported good catches of whitefish in 4-inch set nets.

Salmon fishing for this survey period was restricted to 6-inch mesh beginning June 19.

25 families were surveyed this week for the in-season subsistence monitoring program. 24(96%) of the families were fishing. One (4%) of the families said they did not fish this week because other members of their family had given them fish.

14 (58%) families reported using drift nets. 3 (13%) family reported using set nets. 7 (29%) families reported using both. One (4%) family used rod and reel. None of the families fishing used gill nets greater than 6-inch mesh. 24 (100%) of the families reported using 6-inch mesh or less.

## **ONC Fishing Reports from June 28 – July 2, 2012 (continued)**

Most families interviewed indicated that they had met their subsistence salmon needs for the year or were satisfied with what they had. Many families noted that they had harvested less Chinook than in normal years, but reached their total harvest goals by harvesting more sockeye and chum. Many of the families also reported that they will be targeting more Coho salmon (“silvers”) to make up for their much smaller harvest of Chinook salmon this year. Some of these families said that they usually fish for some Coho and freeze it. Others stated that they don't normally fish for Coho but would this year to augment lower Chinook catches.

Some families who started fishing later in the season (and did not harvest any salmon before the Chinook conservation closures) were frustrated and discouraged that the closures were extended.

### **Chinook:**

**Catch rate:** Of the 25 families interviewed, 24 were actively fishing this week. No families reported the Chinook catch as very good, 1 (4%) family reported the catch as normal, 23 (96%) families reported it as poor. On June 19<sup>th</sup>, 6-inch mesh restrictions were put in place. Some families observed that Chinook seemed to be smaller, but maybe it was because they were fishing with the required smaller gear.

**Run timing:** Of the 24 families fishing this week, no families reported the run as early, 2 (8%) families reported the run timing as normal, and 22 (92%) families reported the run to be late this year.

**Harvest Goals:** Many families did not reach their harvest goals for Chinook salmon and mentioned that they are putting up more Chum and Sockeye salmon to meet their family's subsistence needs for the year.

### **Chum:**

**Catch Rate:** Of the 25 families interviewed, 24 were actively fishing this week. 10 (42%) families reported their chum catch rates as good. 13 (54%) family reported their chum catches as normal. 1 (4%) family reported their chum catches as poor.

**Run timing:** 1 (4%) family reported the chum run return as early. 22 (92%) families reported the chum run timing as normal. 1(4%) family reported the chum run to be late.

**Harvest Goals:** Of the 24 fishing families interviewed all (100%) reported meeting their harvest goals for chum this year. Many fishermen noted they were done fishing for chums and would wait until the Coho started running to fish again.

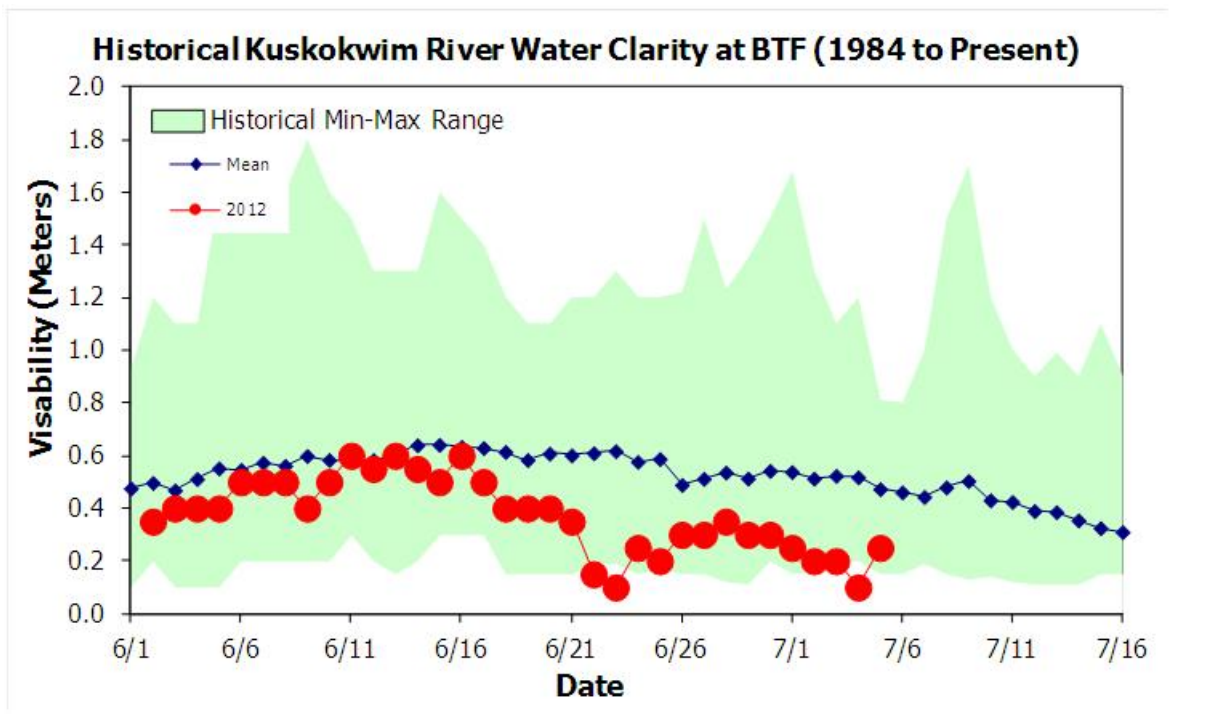
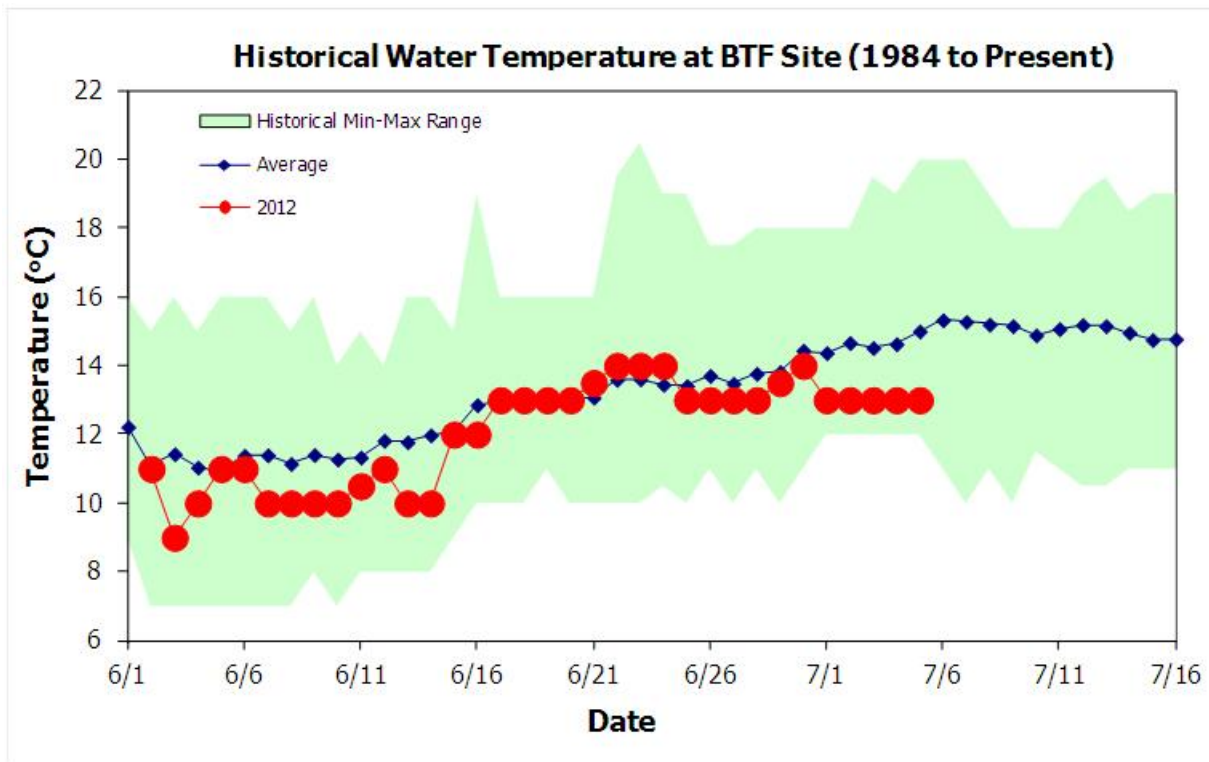
### **Sockeye:**

**Catch Rate:** Of the 25 families interviewed, 24 were actively fishing this week. 7 (29%) families reported their sockeye catch rates as good. 15 (63%) families reported their sockeye catches as normal. 2 (8%) families reported their sockeye catches as poor.

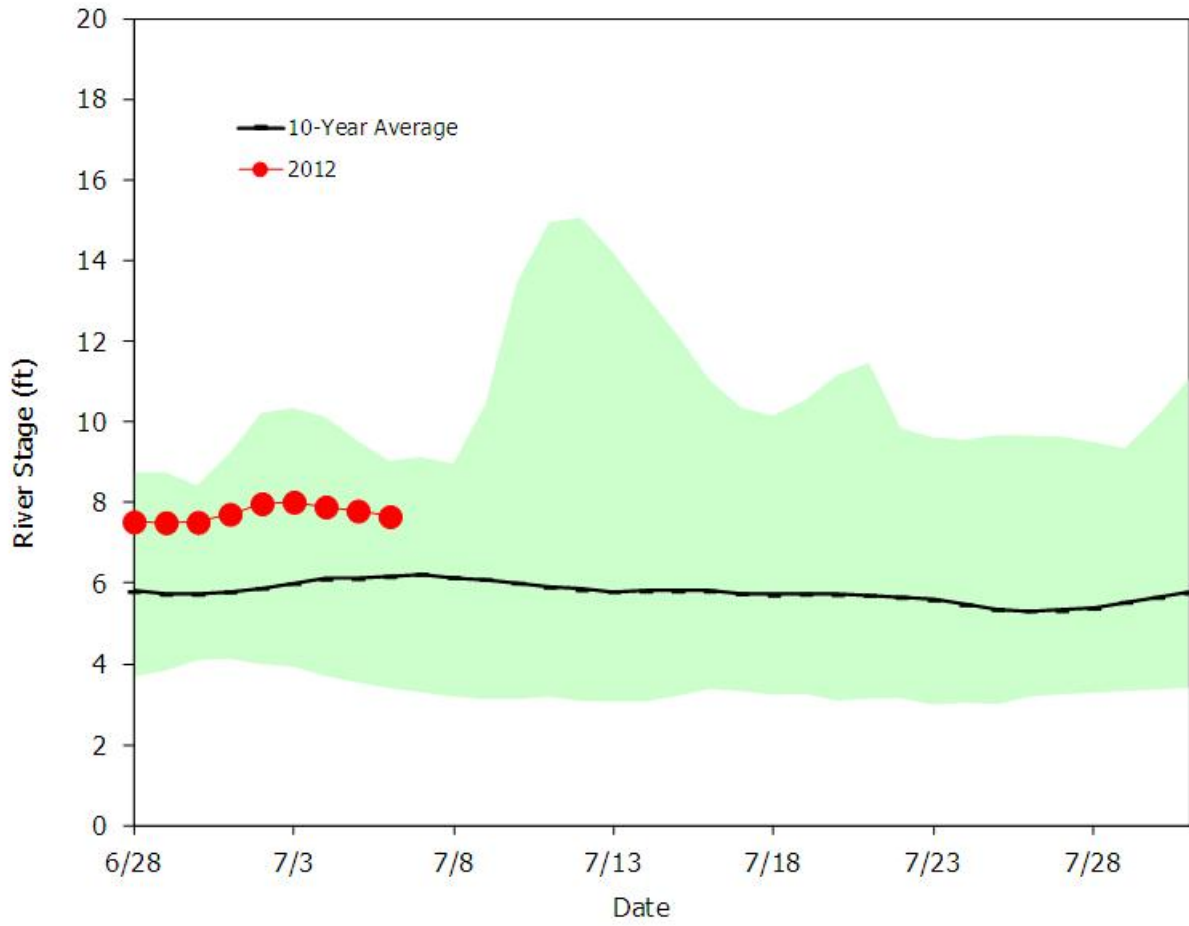
**Run timing:** No families reported the sockeye run return as early. 5 (21%) families reported the sockeye run timing as normal. 11 (46%) families reported the sockeye run to be late compared to previous years. 8 (33%) families were not able to comment on the sockeye run timing this week.

**Harvest Goals:** 15 families reported meeting harvest goals for sockeye this year. 1 family reported not meeting their sockeye goal yet, and others did not comment on whether they would still fish more for sockeye.

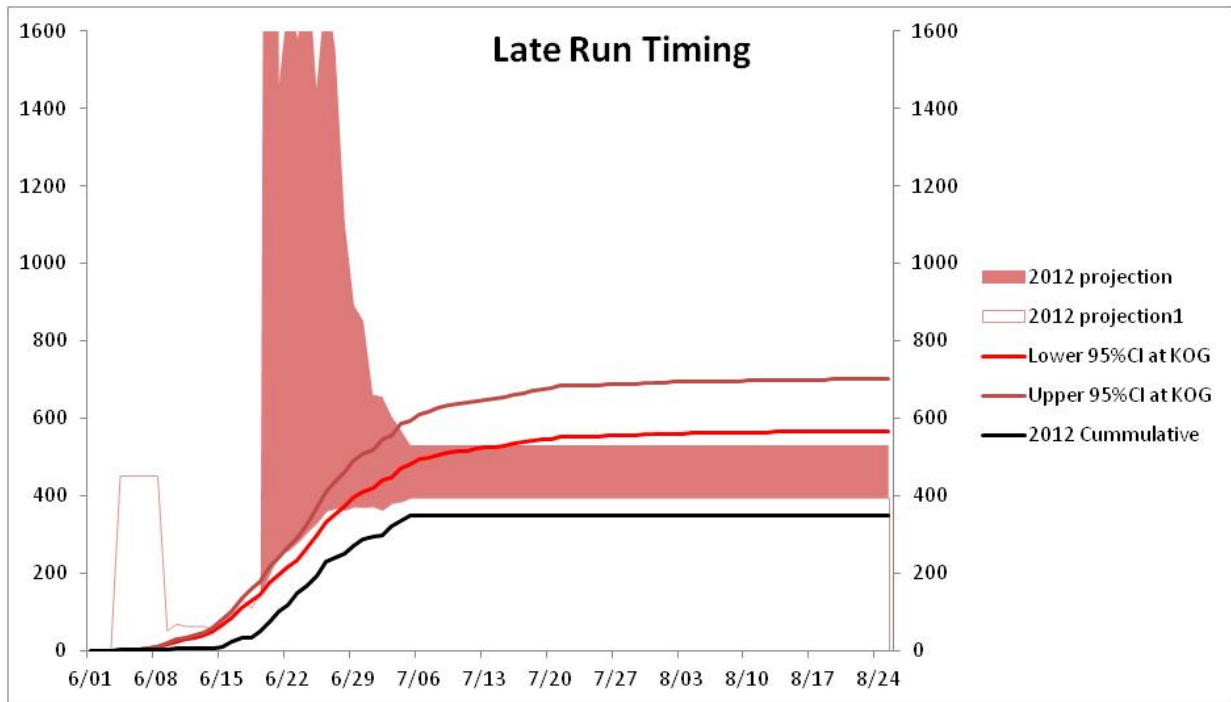
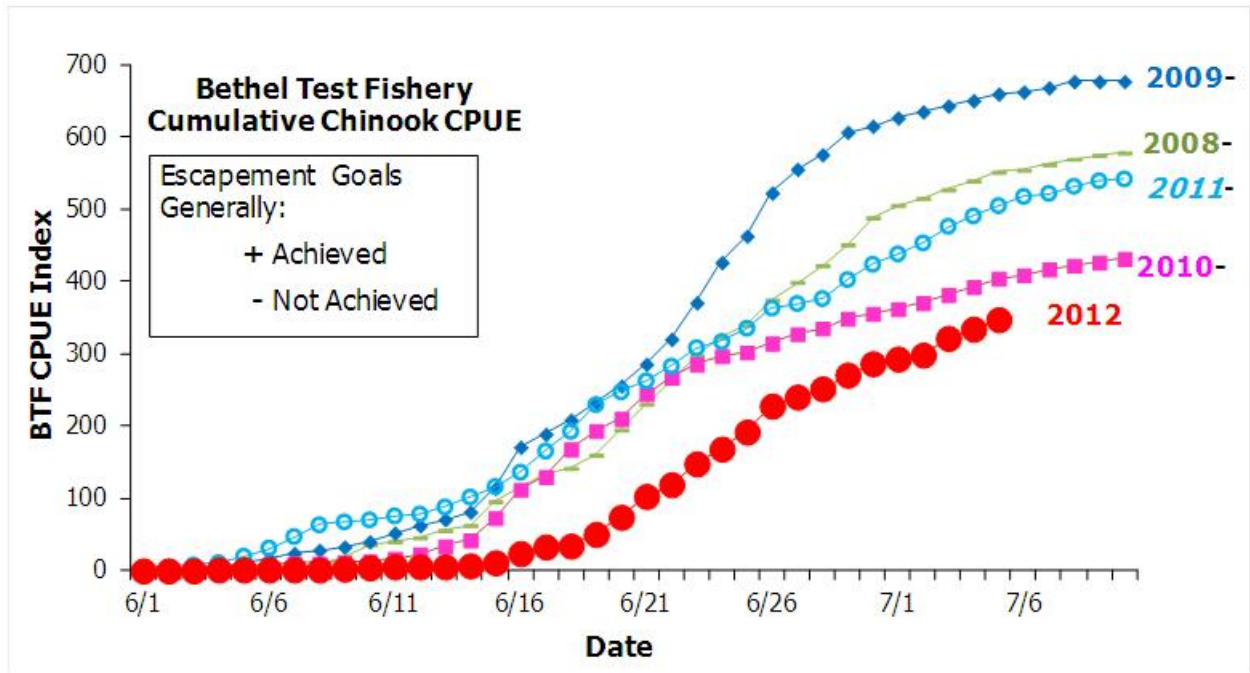
# OVERVIEW OF KUSKOKWIM RIVER SALMON RUN ASSESSMENT PROJECTS



**Kuskokwim River Water Level at Crooked Creek (2002 to 2011)**  
Gauging Station Operational On June 28, 2012



**Chinook Salmon Cumulative CPUE Index, Bethel Test Fishery**

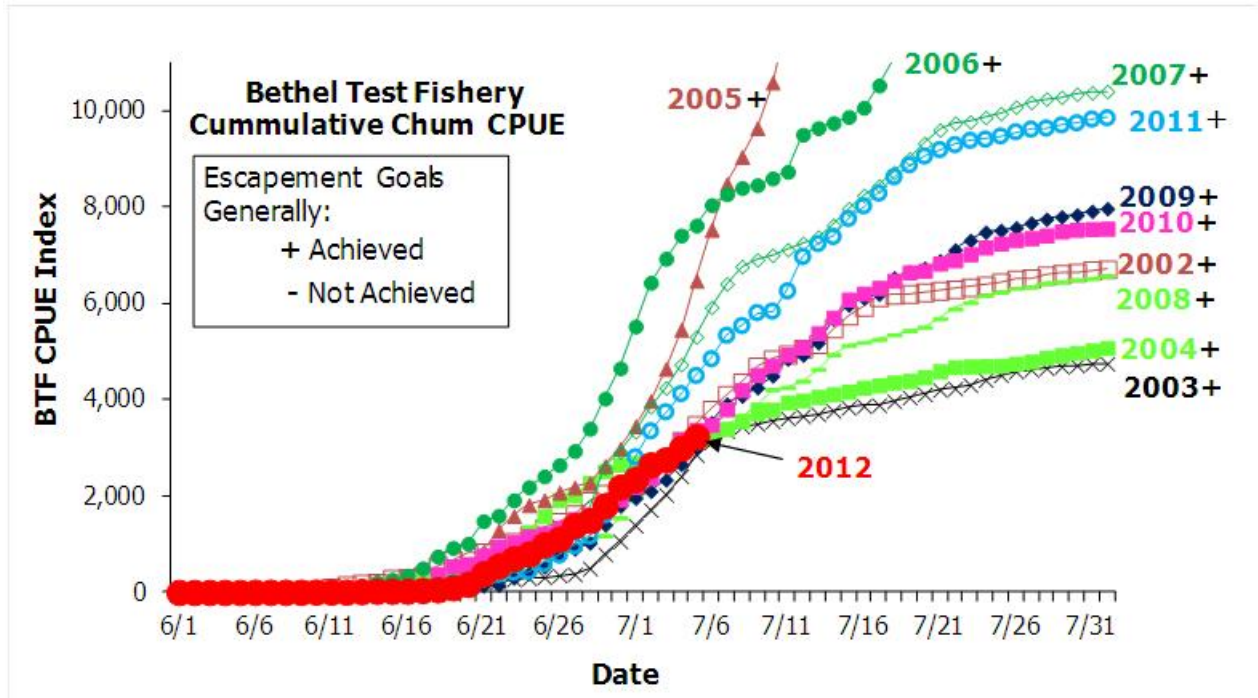


**Bethel Test Fishery**  
**Chinook Salmon Cumulative CPUE Index**  
**(UNCORRECTED)**

*Note: CPUE index numbers for years prior to 2008 are less comparable due to change in net catchability.*

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
6/01	0	1	3	0	0	0	0	0	0	3	0
6/02	1	13	5	0	0	0	3	0	3	5	0
6/03	1	29	7	1	0	0	3	1	4	8	0
6/04	1	35	13	1	0	1	3	4	7	11	1
6/05	6	44	19	6	3	3	3	10	7	20	1
6/06	13	48	23	7	6	3	4	17	8	31	1
6/07	15	59	27	11	6	4	4	24	10	47	1
6/08	18	70	40	23	8	7	10	28	10	63	1
6/09	36	106	70	30	9	11	20	33	11	67	3
6/10	51	131	75	49	9	19	36	40	13	70	4
6/11	59	147	118	91	14	23	40	52	17	75	6
6/12	82	172	147	118	18	30	46	62	23	78	6
6/13	101	199	174	137	33	33	56	71	34	88	6
6/14	127	221	217	173	48	42	63	81	42	102	7
6/15	165	258	258	186	77	60	96	114	73	116	11
6/16	181	285	311	236	96	62	115	171	112	136	24
6/17	196	332	347	265	126	82	135	189	130	165	33
6/18	217	362	396	299	170	97	142	209	168	192	34
6/19	243	390	430	330	207	117	160	232	193	229	50
6/20	248	413	484	389	208	138	195	255	210	247	74
6/21	262	439	556	430	252	146	230	286	244	262	103
6/22	263	450	600	464	263	156	262	320	267	283	119
6/23	273	463	643	488	298	165	298	371	285	308	148
6/24	284	478	691	520	329	182	323	426	297	317	168
6/25	295	493	738	555	356	206	339	463	302	335	192
6/26	308	508	785	589	388	221	374	522	314	363	228
6/27	316	515	801	600	417	237	399	555	327	369	240
6/28	325	527	848	611	444	259	422	575	335	376	252
6/29	328	537	893	632	469	289	451	606	349	402	271
6/30	339	556	928	653	493	325	488	615	355	423	286
7/01	344	558	951	672	511	354	505	626	362	438	293
7/02	356	563	967	684	530	377	515	635	370	453	298
7/03	359	569	979	696	553	406	527	643	381	476	321
7/04	368	578	985	715	576	425	539	650	393	490	334
7/05	374	588	993	744	579	433	551	659	404	505	347
7/06	378	595	1,002	775	598	443	554	662	409	517	
7/07	381	599	1,006	795	604	451	562	668	417	521	
7/08	383	601	1,013	809	607	457	569	676	422	531	
7/09	384	605	1,023	821	611	459	575	676	426	539	
7/10	390	607	1,026	831	616	476	578	676	431	542	

# Chum Salmon Cumulative CPUE Index, Bethel Test Fishery

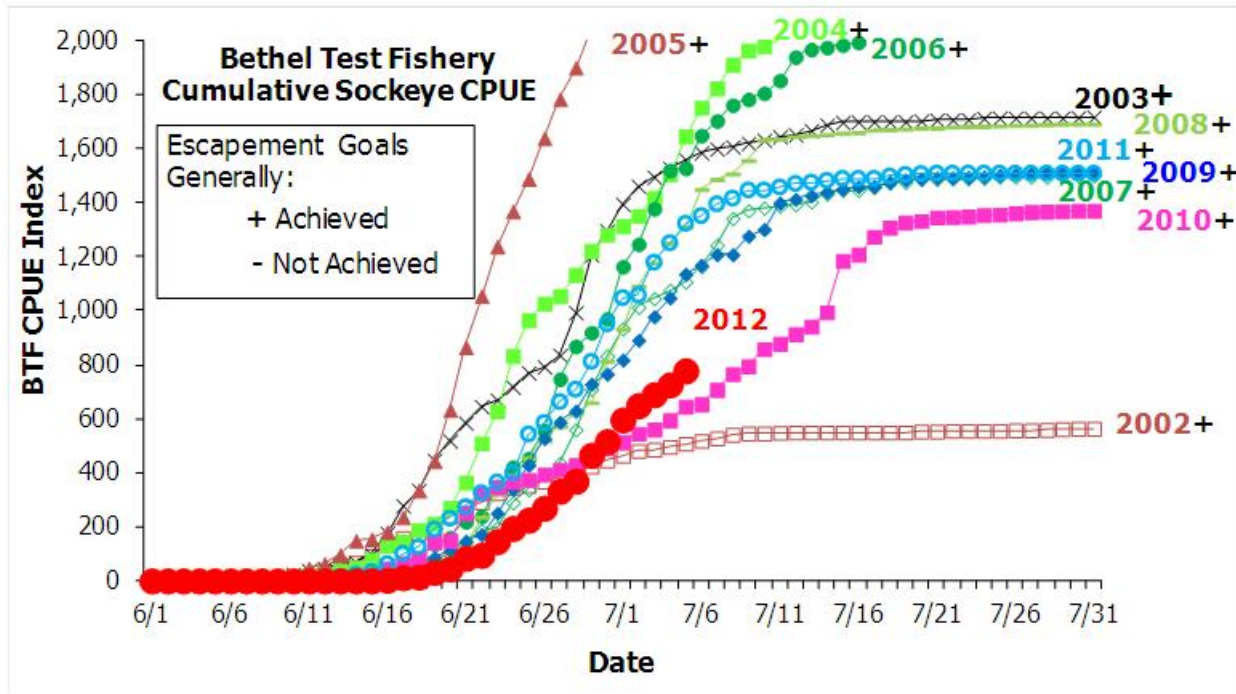




**Bethel Test Fishery**  
**Chum Salmon Cumulative CPUE Index**

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
6/01	0	0	0	0	0	0	0	0	0	0	0
6/02	0	0	3	0	0	0	0	0	0	0	0
6/03	0	0	3	0	0	0	0	0	0	0	0
6/04	0	0	8	0	0	0	0	0	4	3	0
6/05	0	0	11	0	3	0	0	3	6	3	0
6/06	8	0	11	0	9	0	0	4	6	3	3
6/07	8	0	11	0	9	3	0	4	6	3	3
6/08	11	0	14	0	12	3	6	6	6	6	3
6/09	41	0	22	0	12	3	9	9	6	11	3
6/10	50	6	22	0	15	8	9	9	9	17	8
6/11	103	8	25	13	35	11	12	9	9	22	8
6/12	146	11	34	25	41	11	18	12	15	22	8
6/13	180	17	71	38	133	23	18	14	26	31	16
6/14	202	30	110	49	210	34	20	20	31	39	24
6/15	285	49	144	87	266	57	41	42	50	60	24
6/16	299	77	179	95	350	74	66	69	86	63	27
6/17	338	103	229	131	499	94	80	75	133	85	42
6/18	552	108	310	188	747	110	94	91	386	135	57
6/19	665	148	371	252	927	138	106	99	542	199	98
6/20	801	198	450	537	1012	258	161	105	588	241	170
6/21	836	226	547	844	1482	343	190	135	764	276	386
6/22	903	235	659	1288	1595	407	264	149	954	371	552
6/23	1047	270	959	1587	1916	506	337	301	1049	414	704
6/24	1181	291	1260	1817	2188	632	437	397	1163	433	798
6/25	1329	312	1583	1918	2412	840	598	532	1224	597	989
6/26	1466	349	1926	2077	2646	1075	753	783	1340	769	1110
6/27	1622	375	2014	2183	2941	1308	921	904	1524	963	1386
6/28	1897	496	2271	2273	3402	1783	1099	1028	1613	1165	1495
6/29	2048	791	2514	2631	4031	2589	1176	1407	1738	1607	1801
6/30	2136	1059	2653	2989	4660	2917	1550	1800	1931	2223	2189
7/01	2299	1387	2690	3455	5530	3341	2010	1959	2196	2812	2350
7/02	2660	1711	2736	3982	6437	3861	2377	2104	2378	3353	2653
7/03	2768	2031	2819	4650	6937	4252	2680	2339	2838	3750	2756
7/04	3147	2413	2965	5464	7424	4736	2953	2663	3172	4127	2998
7/05	3480	2857	3120	6477	7629	5314	3197	3000	3380	4504	3239
7/06	3800	3127	3226	7542	8053	5927	3391	3530	3478	4854	
7/07	4107	3352	3395	8496	8278	6414	3471	3917	3802	5340	
7/08	4367	3447	3561	9055	8409	6775	3660	4083	4205	5542	
7/09	4696	3503	3733	9656	8468	6914	3909	4256	4524	5811	
7/10	4846	3558	3800	10604	8609	7011	4219	4502	4716	5843	

### Sockeye Salmon Cumulative CPUE Index, Bethel Test Fishery



**Bethel Test Fishery  
Sockeye Salmon Cumulative CPUE Index**

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
6/01	0	0	0	0	0	0	0	0	0	0	0
6/02	0	0	0	0	0	0	0	0	0	0	0
6/03	0	0	0	3	0	0	0	0	0	0	0
6/04	0	0	0	3	0	0	0	0	0	0	0
6/05	0	0	0	6	0	0	0	0	0	0	0
6/06	0	0	0	6	0	0	0	0	0	3	0
6/07	0	0	0	6	0	0	0	0	0	4	0
6/08	0	0	0	6	0	0	0	1	0	4	0
6/09	3	5	8	11	0	0	0	4	0	4	0
6/10	8	24	11	22	0	0	0	4	0	7	0
6/11	18	38	22	46	0	0	0	7	0	10	0
6/12	35	46	27	63	3	3	0	10	3	13	0
6/13	61	54	38	96	3	17	3	13	6	15	0
6/14	67	67	49	149	3	23	6	13	6	24	0
6/15	92	97	77	154	11	31	34	16	21	33	0
6/16	138	176	130	181	24	36	45	31	46	62	3
6/17	158	279	145	236	42	50	48	34	65	102	12
6/18	174	335	189	336	81	60	62	61	84	126	14
6/19	196	446	212	444	136	74	87	86	142	191	32
6/20	240	518	270	634	160	98	102	113	149	231	45
6/21	272	585	364	866	219	147	128	146	251	274	83
6/22	290	646	509	1,056	239	186	237	171	323	326	95
6/23	325	670	628	1,239	350	197	320	251	347	365	146
6/24	346	718	833	1,370	422	290	381	340	366	400	194
6/25	353	771	966	1,489	454	338	455	429	375	543	225
6/26	368	793	1,027	1,640	556	393	518	528	394	586	269
6/27	385	836	1,055	1,785	748	436	572	588	411	664	333
6/28	407	994	1,133	1,901	869	560	619	629	428	709	369
6/29	424	1,207	1,222	2,052	920	710	660	729	446	813	466
6/30	446	1,296	1,283	2,204	971	833	813	766	491	952	516
7/01	464	1,395	1,315	2,298	1,164	934	933	818	515	1,048	597
7/02	482	1,462	1,352	2,365	1,247	1,014	1,092	892	545	1,058	650
7/03	486	1,495	1,418	2,440	1,379	1,046	1,178	979	561	1,180	690
7/04	496	1,528	1,507	2,512	1,520	1,077	1,251	1,048	594	1,252	727
7/05	508	1,560	1,647	2,583	1,528	1,107	1,312	1,136	645	1,324	778
7/06	518	1,586	1,753	2,655	1,650	1,165	1,450	1,169	655	1,353	
7/07	528	1,600	1,825	2,715	1,704	1,243	1,487	1,209	708	1,396	
7/08	542	1,608	1,912	2,773	1,763	1,343	1,509	1,209	766	1,417	
7/09	546	1,621	1,965	2,816	1,784	1,371	1,557	1,277	795	1,448	
7/10	546	1,633	1,980	2,845	1,807	1,381	1,634	1,302	858	1,448	

## ESCAPEMENT MONITORING

### Chinook Salmon

<b>Kwethluk River weir historical cumulative daily Chinook salmon escapement.</b>											
	= years below escapement goal.										<b>Esc Goal Range: 6,000 to 11,000</b>
Date	Cumulative Daily Passage										
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
6/20		2			0	0	0			0	
6/21		3			0	0	0			0	
6/22	1	3			1	0	0			0	
6/23	7	5			7	0	3			1	
6/24	16	19			18	0	8			3	
6/25	35	22	41		40	0	10		0	7	
6/26	75	39	327		113	0	23		0	15	
6/27	107	81	1,528		297	0	25		0	26	
6/28	414	231	2,322		595	0	36		1	56	
6/29	1,174	678	2,860		1,131	2	44		3	120	
6/30	1,342	705	5,460		1,584	8	57	10	8	152	
7/01	1,425	839	7,774		2,051	55	96	34	18	194	
7/02	1,536	2,245	9,257		2,786	98	128	236	32	267	
7/03	1,827	3,335	9,951		3,495	170	181	237	81	523	9
7/04	2,253	3,663	11,804		3,655	296	246	452	135	699	11
7/05	2,397	4,333	12,700		4,855	1,152	347	852	292	768	94
7/06	3,114	4,805	13,621		6,563	1,652	553	900	360	874	
7/07	3,654	4,955	13,960		7,459	2,255	1,004	1,269	361	1,014	
7/08	3,900	5,264	14,968		8,264	3,059	1,488	1,286	372	1,061	
Season											
Total	8,502	14,474	28,604	n.a.	17,618	12,927	5,275	5,744	1,693	4,079	94

<b>Tuluksak River weir historical cumulative daily Chinook salmon escapement.</b>											
	= years below escapement goal.										<b>Esc Goal Range: 1,000 to 2,100</b>
Date	Cumulative Daily Passage										
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
6/20	0	0	0			0	0			0	
6/21	1	0	0			0	0			0	
6/22	1	3	0			0	0			0	
6/23	1	3	0			0	0			0	
6/24	2	5	0	0	1	0	0			0	
6/25	3	8	0	0	2	0	0			0	
6/26	3	8	1	5	3	0	0	0	0	0	
6/27	7	8	6	19	4	0	0	0	0	0	0
6/28	16	8	80	26	14	0	0	0	0	0	0
6/29	149	8	114	66	33	0	0	0	0	0	0
6/30	175	8	180	91	46	2	0	1	0	0	0
7/01	192	10	255	94	55	5	1	1	0	1	4
7/02	198	33	259	118	66	18	2	2	0	8	7
7/03	205	242	352	511	67	19	2	2	3	9	7
7/04	216	528	470	665	89	39	3	3	8	12	8
7/05	275	552	489	744	124	70	5	6	13	12	15
7/06	522	555	499	896	155	84	10	15	15	12	
7/07	579	563	527	1,018	197	96	21	23	20	12	
7/08	627	581	692	1,078	208	106	81	23	20	16	
Season											
Total	1,346	1,064	1,475	2,653	1,043	394	701	362	201	288	15

## Chinook Salmon (continued)

Salmon River weir, Aniak River historical cumulative daily Chinook salmon							
Esc Goal Range: none							
Date	Cumulative Daily Passage						
	2006	2007	2008	2009	2010	2011	2012
6/20	0	0					
6/21	0	0					
6/22	0	0		Operation	Not	Not	
6/23	2	0		began on	operated	operated	
6/24	3	0	0	7/13/2009	2010	2011	
6/25	3	0	0				
6/26	3	1	0				
6/27	3	1	1				
6/28	6	2	1				
6/29	8	2	1				
6/30	9	6	1				
7/01	28	8	1				
7/02	40	10	1				
7/03	53	42	2				0
7/04	73	49	5				0
7/05	142	55	14				0
7/06	450	61	19				
7/07	856	152	23				
7/08	947	357	48				
Season							
Total	6,732	6,220	2,376	1,548	n.a.	n.a.	33

George River weir historical cumulative daily Chinook salmon escapement.											
Esc Goal Range: 3,100 to 7,900											
= years below escapement goal.											
Date	Cumulative Daily Passage										
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
6/20	0	22	17	45	7	1	2	5	0	0	
6/21	3	46	26	48	11	1	2	6	0	0	
6/22	58	76	34	104	19	1	4	6	0	5	
6/23	98	120	38	125	20	2	5	6	3	6	
6/24	103	130	40	231	22	3	6	9	5	6	
6/25	111	293	47	303	25	3	7	10	6	7	
6/26	141	499	99	363	26	3	9	16	10	19	
6/27	165	636	409	506	31	13	11	19	10	19	
6/28	208	881	639	620	72	13	15	20	10	22	
6/29	232	1,152	944	1,012	90	49	22	23	17	22	
6/30	652	1,438	1,164	1,214	281	110	32	54	25	23	11
7/01	1,018	1,792	1,264	1,322	669	123	44	194	42	44	85
7/02	1,041	2,305	1,289	1,444	733	204	58	216	78	120	159
7/03	1,148	2,641	1,698	1,848	832	283	75	261	79	207	185
7/04	1,187	2,684	1,859	2,184	1,421	402	94	316	134	400	213
7/05	1,289	3,044	2,398	2,386	1,621	495	115	626	351	459	363
7/06	1,381	3,257	2,773	2,478	1,841	945	139	835	457	513	
7/07	1,519	3,712	2,925	2,618	2,281	1,409	166	1,256	544	531	
7/08	1,646	3,829	3,323	2,679	2,340	2,324	216	1,374	593	561	
Season											
Total	2,444	4,693	5,207	3,845	4,357	4,883	2,698	3,663	1,500	1,571	363

## Chinook Salmon (continued)

Kogrukuk River weir historical cumulative daily Chinook salmon escapement.												
	= years below escapement goal.										Esc Goal Range: 5,300 to 14,000	
Date	Cumulative Daily Passage											
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
6/20												
6/21		0	0								0	
6/22		1	0	1							0	
6/23		1	9	2							0	
6/24		1	9	2							0	
6/25		8	56	60				0			0	
6/26	15	13	107	118		0		0			0	
6/27	158	37	215	154		1		0	1		0	
6/28	261	77	302	210	0	2		5	3		0	
6/29	540	127	730	291	6	2		9	3		13	
6/30	629	201	1011	362	31	3		15	3		23	0
7/01	816	218	1308	741	111	17		28	3		34	2
7/02	1126	490	1658	1284	344	27		57	4		59	7
7/03	1255	834	2320	2135	539	43	0	96	6		66	9
7/04	1873	1063	2898	2252	1170	160	14	130	14		74	22
7/05	1963	1473	3754	3327	1681	188	19	313	38		87	66
7/06	3155	1927	4453	4303	2321	223	37	408	50		97	
7/07	3278	2406	6024	5522	2976	294	56	542	132		103	
7/08	4004	2998	7348	6479	4016	656	83	815	282		121	
Season												
Total	10104	11771	19651	22000	19414	13029	9730	9702	5690	0	6891	66

Tatlawiksuk River weir historical cumulative daily Chinook salmon escapement.												
	Esc Goal Range: none											
Date	Cumulative Daily Passage											
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
6/20	0	0	0	19	3	0	0	0	0	0	0	
6/21	1	1	0	21	9	0	0	0	2	0	1	
6/22	3	20	6	22	16	0	0	0	2	1	1	
6/23	4	87	6	22	19	0	0	0	2	1	1	0
6/24	7	90	11	33	25	0	0	0	2	1	1	1
6/25	12	92	24	107	30	1	2	0	2	1	3	1
6/26	83	100	43	348	57	4	10	2	5	2	3	1
6/27	101	617	46	369	67	26	13	2	9	3	4	1
6/28	139	638	198	453	72	29	36	2	11	4	5	1
6/29	154	833	495	528	77	33	37	3	17	19	5	3
6/30	259	858	552	571	269	75	37	5	20	19	14	4
7/01	623	873	593	886	293	98	129	8	22	20	21	4
7/02	647	957	601	1,017	367	119	151	12	36	23	47	15
7/03	674	1,065	697	1,103	848	124	223	17	37	35	91	19
7/04	687	1,200	726	1,268	1,096	252	306	23	39	44	134	25
7/05	798	1,538	786	1,511	1,335	299	358	30	225	82	185	31
7/06	1,226	1,602	827	1,518	1,422	486	404	37	230	116	291	
7/07	1,396	1,747	841	1,602	1,562	521	480	46	393	197	328	
7/08	1,417	1,757	868	1,708	1,660	599	749	54	462	224	371	
Season												
Total	2,010	2,237	1,683	2,833	2,920	1,700	2,061	1,071	1,071	567	1,012	31

**Chinook Salmon (continued)**

Takotna River weir historical cumulative daily Chinook salmon escapement.											
Esc Goal Range: none											
Date	Cumulative Daily Passage										
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
6/24	1		1	1	0	0	0	0			
6/25	1		3	1	1	0	1	0			
6/26	1		6	5	1	0	1	2			
6/27	3		13	8	1	0	2	2	0		
6/28	7		29	31	1	0	3	3	0		
6/29	10		33	45	3	0	3	4	0	0	
6/30	11		49	95	3	3	10	5	3	0	
7/01	16		51	96	6	4	15	5	7	0	
7/02	16	10	52	97	9	4	18	7	7	0	
7/03	17	15	56	98	9	24	23	16	8	0	
7/04	19	15	79	108	21	39	28	16	13	0	
7/05	22	21	85	121	32	56	33	20	13	0	3
7/06	33	27	102	142	44	71	35	33	17	0	
7/07	50	33	108	157	61	77	46	69	19	1	
7/08	82	43	127	178	85	88	56	75	23	6	
Season Total	316	378	461	499	539	418	413	311	178	136	3

## Chum Salmon

<b>Kwethluk River weir historical cumulative daily chum salmon escapement.</b>											
<b>Esc Goal Range: none</b>											
Date	<b>Cumulative Daily Passage</b>										
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
6/20		4			1	0	0		1	3	
6/21		64			23	0	1		7	7	
6/22	48	80			52	0	15		9	20	
6/23	137	94			102	0	19		11	38	
6/24	253	108			167	0	22		12	68	
6/25	477	122	124		320	14	28		59	117	
6/26	861	136	435		603	58	39		96	173	
6/27	1,173	212	1,321		1,003	64	43		123	236	
6/28	1,407	333	1,789		1,366	68	62		253	335	
6/29	1,988	435	2,721		1,929	157	62		368	421	
6/30	2,308	466	4,106		2,432	203	94	30	583	537	
7/01	2,522	691	5,035		2,920	421	140	97	852	729	
7/02	3,004	1,105	6,203		3,744	565	218	271	1,271	998	
7/03	3,886	1,409	8,014		5,103	765	351	289	1,701	1,280	15
7/04	4,709	1,632	9,260		6,368	1,160	493	741	2,276	1,493	178
7/05	5,417	1,799	9,965		8,427	2,019	1,032	1,170	2,949	1,749	624
7/06	6,700	2,006	10,653		10,502	2,825	1,437	1,550	3,415	1,997	
7/07	7,625	2,175	10,850		12,645	4,094	2,369	2,340	3,488	2,328	
7/08	8,073	2,694	11,621		14,064	6,410	3,279	2,600	4,184	2,532	
Season											
Total	35,854	41,812	38,646	n.a.	47,490	54,913	20,030	32,191	19,242	18,329	624

<b>Tuluksak River weir historical cumulative daily chum salmon escapement.</b>											
<b>Esc Goal Range: none</b>											
Date	<b>Cumulative Daily Passage</b>										
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
6/20	2	0	0			0				0	
6/21	2	2	0			0				0	
6/22	17	2	0			0				0	
6/23	17	2	4			0				0	
6/24	27	4	13	0	9	0				0	
6/25	35	4	82	0	59	1				0	
6/26	65	4	167	0	125	1	3	0	0	0	
6/27	87	4	290	38	271	1	3	0	0	0	0
6/28	278	5	612	81	474	1	3	0	0	0	0
6/29	451	9	772	163	596	1	7	3	0	2	0
6/30	505	9	1,568	299	1,017	2	13	7	1	6	10
7/01	735	44	1,706	332	1,356	91	24	9	27	12	24
7/02	837	124	1,707	460	1,570	146	49	18	30	94	59
7/03	888	305	1,859	1,012	1,785	165	58	32	278	152	79
7/04	968	522	2,336	1,475	2,441	381	194	35	561	188	296
7/05	1,166	592	2,826	1,802	3,199	628	328	44	995	188	539
7/06	1,386	615	3,221	2,208	3,879	736	496	101	1,501	188	
7/07	1,681	663	3,533	2,850	4,733	801	754	160	1,697	246	
7/08	1,711	746	3,896	3,688	4,800	993	913	169	1,811	330	
Season											
Total	9,958	11,724	11,796	35,696	25,650	17,647	12,550	13,671	13,042	10,010	539



## Chum Salmon (continued)

Salmon River weir, Aniak River historical cumulative daily chum salmon escapement.							
Esc Goal Range: none							
Date	Cumulative Daily Passage						
	2006	2007	2008	2009	2010	2011	2012
6/20	0	0					
6/21	0	0		Operation	Not	Not	
6/22	0	0		began on	operated	operated	
6/23	0	0		7/13/2009	2010	2011	
6/24	2	0	0				
6/25	15	0	0				
6/26	48	4	0				
6/27	72	4	0				
6/28	139	7	0				
6/29	229	9	2				
6/30	369	31	9				
7/01	647	36	16				
7/02	1,112	49	20				
7/03	1,748	97	40				8
7/04	2,554	128	53				15
7/05	4,117	187	105				10
7/06	5,758	293	164				
7/07	7,644	493	212				
7/08	9,007	736	264				
Season							
Total	40,306	25,379	9,459	9,297	n.a.	n.a.	33

George River weir historical cumulative daily chum salmon escapement.											
Esc Goal Range: none											
Date	Cumulative Daily Passage										
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
6/20	5	89	298	34	48	6	1	11	0	38	
6/21	16	137	436	42	97	6	1	22	6	69	
6/22	123	150	552	60	255	7	19	23	7	111	
6/23	181	161	672	75	451	26	31	24	15	128	
6/24	204	173	692	134	631	47	53	28	88	158	
6/25	328	184	851	169	897	53	104	34	125	177	
6/26	573	195	1,353	192	1,123	68	130	59	206	303	
6/27	691	256	2,236	257	1,390	244	266	60	237	367	
6/28	928	353	2,838	318	2,014	313	400	68	274	423	
6/29	1,077	435	3,405	588	2,371	475	587	88	554	468	
6/30	1,280	460	3,765	816	2,946	833	828	115	1,116	662	75
7/01	1,455	641	3,913	967	4,142	1,074	1,121	191	1,692	1,238	524
7/02	1,489	973	4,092	1,307	4,877	1,601	1,468	257	2,149	2,081	1,052
7/03	1,640	1,217	4,635	2,026	5,755	2,138	1,868	360	2,449	3,266	1,483
7/04	1,677	1,396	5,107	2,462	7,353	3,120	2,321	577	2,873	4,684	1,779
7/05	1,869	1,531	5,551	2,812	9,060	4,024	2,827	817	4,214	5,946	2,667
7/06	2,387	1,697	6,236	3,252	10,334	5,539	3,386	1,054	4,837	6,931	
7/07	2,726	1,833	7,208	3,620	11,293	6,546	4,021	1,219	5,164	7,519	
7/08	2,912	2,657	7,722	4,128	11,972	9,557	4,778	1,350	6,100	9,008	
Season											
Total	6,543	33,666	14,409	14,828	41,467	55,842	29,978	7,941	26,154	44,640	2,667

## Chum Salmon (continued)

<b>Kogrukluk River weir historical cumulative daily chum salmon escapement.</b>											
	= years below escapement goal.										<b>Esc Goal Range: 15,000 to 49,000</b>
Date	Cumulative Daily Passage										
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
6/20											
6/21		2	0							0	
6/22		4	15	1						0	
6/23		14	69	3						3	
6/24		16	99	4						7	
6/25		18	196	19				0		15	
6/26	247	25	289	35		0		10		20	
6/27	877	59	438	60		22		25	1	35	
6/28	1,351	107	552	105	336	37		58	2	58	
6/29	2,324	135	1,012	210	1,293	72		118	12	87	
6/30	3,405	216	1,560	370	2,644	116		158	27	132	19
7/01	4,450	283	2,076	768	4,686	220		223	50	166	73
7/02	5,383	555	2,507	1,084	7,189	395		309	64	227	207
7/03	6,494	946	3,012	1,739	10,405	596	3	424	187	304	302
7/04	8,421	1,311	3,732	2,688	15,238	1,049	123	515	513	404	428
7/05	10,126	2,023	4,541	5,430	22,037	1,369	233	791	1,243	553	774
7/06	12,515	2,712	5,433	10,566	29,757	1,791	404	971	1,943	807	
7/07	14,781	3,338	6,455	15,582	36,169	2,545	782	1,241	3,106	1,020	
7/08	17,057	3,918	7,657	21,840	43,604	3,440	1,232	1,913	4,707	1,445	
Season											
Total	51,570	23,413	24,201	197,723	180,594	49,505	44,978	84,940	63,583	76,384	774

<b>Tatlawiksuk River weir historical cumulative daily chum salmon escapement.</b>											
											<b>Esc Goal Range: none</b>
Date	Cumulative Daily Passage										
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
6/20	18	0	233	19	3	2	2	7	0	19	
6/21	60	0	286	28	6	5	5	16	3	40	
6/22	228	1	367	41	18	5	10	18	8	52	
6/23	490	6	438	48	76	10	15	18	8	66	0
6/24	518	12	607	80	191	25	22	20	11	83	11
6/25	621	16	1,201	95	425	72	45	27	18	117	15
6/26	1,104	28	1,651	131	690	125	80	47	49	199	19
6/27	1,496	48	1,826	174	1,131	226	129	78	77	246	43
6/28	2,070	154	2,002	230	1,398	468	129	98	251	311	227
6/29	2,904	225	2,268	360	1,862	541	210	112	631	319	514
6/30	3,538	360	2,646	726	3,231	684	347	132	858	539	904
7/01	3,962	438	3,108	939	3,689	1,469	541	165	1,558	991	1,412
7/02	4,999	479	3,798	2,544	3,897	1,917	791	221	2,134	1,681	2,192
7/03	5,500		4,458	4,924	4,661	3,059	1,098	226	2,868	2,790	2,611
7/04	6,259		4,983	6,034	6,851	4,709	1,461	276	3,713	3,767	3,320
7/05	7,537		5,465	7,421	7,198	6,144	1,880	770	5,171	5,053	4,464
7/06	9,299		5,700	8,414	8,307	8,042	2,356	849	6,196	7,810	
7/07	10,108		6,338	9,477	9,052	11,183	2,888	1,493	7,228	9,742	
7/08	10,774		7,149	10,916	9,897	14,915	3,363	1,885	8,412	12,253	
Season											
Total	24,542	n.a.	21,245	55,720	32,301	83,246	30,896	19,975	36,701	84,202	4,464

**Chum Salmon (continued)**

Takotna River weir historical cumulative daily chum salmon escapement.											
Esc Goal Range: none											
Date	Cumulative Daily Passage										
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
6/24	29	0	4	2	20	1	9	2	0		
6/25	84	0	12	6	41	9	21	15	0		
6/26	139	1	43	15	73	10	28	45	0		
6/27	250	6	71	24	138	25	54	66	0		
6/28	366	13	103	38	208	44	73	84	0		
6/29	534	17	132	54	302	62	93	112	4	0	
6/30	681	29	166	94	459	105	125	123	14	15	
7/01	861	39	220	118	634	149	161	144	41	47	
7/02	933	79	261	159	815	202	202	163	69	92	
7/03	1,078	136	320	206	1,121	361	306	187	100	167	
7/04	1,172	190	378	292	1,430	508	415	222	176	291	
7/05	1,422	301	426	514	1,781	674	526	250	306	364	56
7/06	1,626	421	534	719	2,374	823	705	277	392	476	
7/07	1,877	547	600	1,020	2,990	1,075	860	321	512	644	
7/08	2,001	684	665	1,418	3,449	1,314	1,051	364	644	823	
Season											
Total	4,399	3,388	1,633	0 6,488	12,651	8,873	5,704	2,528	4,057	8,414	0

## Sockeye Salmon

Kwethluk River historical cumulative daily sockeye salmon escapement.													
Esc Goal: none													
Date	Cumulative Daily Passage												
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
KWE Total	358	n.a.	272	2,928	3,490	n.a.	6,732	5,262	2,451	4,230	4,264	2,031	70
6/20				0			0	0	0		0	0	
6/21				0			0	0	0		0	0	
6/22	0		0	54			39	0	0		8	5	
6/23	3		0	97			112	0	0		24	15	
6/24	7		0	180			234	0	0		50	32	
6/25	17		0	240	105		430	10	0		196	67	
6/26	32		0	318	197		672	70	0		469	108	
6/27	43		0	425	650		953	88	0		561	167	
6/28	49		0	464	952		1,174	118	0		650	210	
6/29	52		4	494	1,241		1,402	248	41		765	259	
6/30	58		7	536	1,724		1,594	341	71	71	860	310	
7/01	80		16	574	1,888		1,946	483	133	204	992	363	
7/02	90		37	744	2,112		2,293	574	231	559	1,089	437	
7/03	98		59	851	2,296		2,666	693	338	572	1,191	666	1
7/04	103		70	935	2,448		2,912	898	421	1,017	1,271	847	26
7/05	117		77	1,059	2,522		3,423	1,414	545	1,288	1,440	907	70
7/06	128		99	1,296	2,623		3,866	1,733	647	1,443	1,567	1,008	
7/07	145		109	1,520	2,638		4,144	2,045	844	1,552	1,629	1,100	
7/08	168		113	1,658	2,660		4,355	2,462	1,191	1,741	1,902	1,177	
Season Total	358	n.a.	272	2,928	3,491	n.a.	6,732	5,262	2,451	4,230	4,242	2,031	70

Kogrukuk River weir historical cumulative daily sockeye salmon escapement.												
= years below escapement goal.												
Esc Goal Range: 4,400 to 17,000												
Date	Cumulative Daily Passage											
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
6/20												
6/21		0	0								0	
6/22		0	0	0							0	
6/23		0	0	0							0	
6/24		0	0	0							0	
6/25		0	0	1				0			0	
6/26	3	0	0	2		0		0			0	
6/27	8	1	3	8		0		1	0		0	
6/28	9	2	9	17	5	0		2	0		0	
6/29	26	3	22	23	13	1		7	0		1	0
6/30	32	14	64	25	60	1		7	0		1	0
7/01	48	18	106	57	223	2		13	0		3	2
7/02	125	38	157	137	483	2		17	0		6	3
7/03	270	87	209	270	919	10	0	24	0		7	3
7/04	505	124	351	333	2,168	25	2	34	1		10	3
7/05	663	173	534	1,152	3,010	39	7	72	6		20	18
7/06	1,085	444	857	2,604	4,351	45	7	130	12		21	
7/07	1,128	617	1,458	4,311	5,446	76	9	200	58		23	
7/08	1,619	1,083	1,828	6,966	6,920	161	43	312	239		32	
Season Total	4,050	9,164	6,775	37,939	60,807	16,525	19,675	23,785	13,995	8,132	18	

**Sockeye Salmon (continued)**

Telequana Lake Weir historical cumulative daily sockeye salmon escapement.			
Esc Goal Range: none			
Date	Cumulative Daily Passage		
	2010	2011	2012
7/03			
7/04			0
7/05			0
7/06	59		
7/07	302		
7/08	629		
7/09	1,920		
7/10	3,937	910	
Season Total	72,021	34,314	0

## **KALSKAG FISH WHEELS**

<b>Chinook Salmon Cumulative Catch, Kalskag Fish Wheels</b>											
<i>(Data is not comparable due to changes in fishing effort)</i>											
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
6/20	58	203	473	397	36	2	Did Not Operate During Chinook Run		81	47	34
6/21	83	230	494	454	40	13		88	50	42	
6/22	120	247	516	483	42	13		97	50	54	
6/23	175	297	543	498	46	26		97	64	54	
6/24	229	341	581	521	107	49		105	96	71	
6/25	282	386	603	538	203	77		107	129	90	
6/26	312	439	629	544	293	95		113	158	98	
6/27	329	488	696	548	371	120		122	191	117	
6/28	346	503	746	563	439	152		123	209	130	
6/29	359	551	766	567	482	152		128	209	146	
6/30	378	623	771	578	510	189	128	228	146		
7/1	413	668	780	592	548	209	128	244	150		
7/2	451	718	785	614	596	234	134	252	157		
7/3	474	765	794	633	636	250	153	257	167		
7/4	507	795	798	649	660	268	169	264	177		
7/5	518	815	800	662	689	273	184	267	182		
7/6	532	815	805	667	714	282	199	267			
7/7	554	816	809	675	730	285	206	273			
7/8	570	816	811	683	745	296	206	280			
Season											
Total	759	946	1,016	864	952	364	n.a.	n.a.	242	312	

<b>Chum Salmon Cumulative Catch, Kalskag Fish Wheels</b>											
<i>(Data is not comparable due to changes in fishing effort)</i>											
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
6/20	21	73	27	50	179	1	Did Not Operate During Chum Run		75	24	83
6/21	31	85	37	87	202	2		83	28	117	
6/22	48	101	58	139	236	2		109	28	138	
6/23	131	134	101	239	305	7		109	111	138	
6/24	189	146	144	311	643	12		198	169	161	
6/25	241	163	215	404	972	36		239	248	212	
6/26	295	178	287	474	1,214	69		269	391	269	
6/27	364	198	362	534	1,497	121		410	587	355	
6/28	435	213	386	645	1,803	196		477	805	419	
6/29	505	245	404	838	2,328	196		543	805	461	
6/30	573	301	423	951	2,825	246	543	1,024	461		
7/1	666	380	460	1,167	3,522	265	623	1,228	514		
7/2	829	472	501	1,459	4,300	338	930	1,472	585		
7/3	991	606	523	1,860	4,948	403	1,135	1,995	673		
7/4	1,177	707	542	2,546	5,454	466	1,416	2,415	764		
7/5	1,491	944	559	3,294	6,128	662	1,706	3,058	874		
7/6	1,766	1,133	576	4,257	6,739	679	1,848	3,058			
7/7	2,093	1,415	590	5,228	7,361	812	1,966	3,736			
7/8	2,369	1,537	609	6,464	7,821	957	1,997	4,512			
Season											
Total	8,351	8,921	5,607	30,082	23,211	5,280	n.a.	n.a.	4,330	19,475	

## KALSKAG FISH WHEELS (Continued)

Sockeye Salmon Cumulative Catch, Kalskag Fish Wheels											
<i>(Data is not comparable due to changes in fishing effort)</i>											
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
6/20	3	80	42	149	2	0	Did Not Operate During Sockeye Run		15	6	3
6/21	3	91	42	178	4	0		16	7	5	
6/22	5	102	47	212	4	0		16	7	12	
6/23	12	131	63	243	8	1		16	35	12	
6/24	21	147	102	303	45	3		21	62	24	
6/25	24	185	209	377	96	12		24	79	39	
6/26	27	228	293	437	136	20		33	94	63	
6/27	35	277	445	493	227	29		37	134	75	
6/28	40	302	505	552	340	41	40	193	82		
6/29	47	336	571	654	447	41	42	193	91		
6/30	55	365	617	739	605	59	42	239	91		
7/1	61	463	652	835	881	77	49	267	104		
7/2	66	573	698	946	1,123	119	85	290	122		
7/3	83	709	733	1,074	1,261	175	117	351	135		
7/4	95	813	760	1,209	1,351	281	151	455	150		
7/5	102	931	777	1,367	1,578	440	185	542	170		
7/6	114	958	786	1,548	1,926	453	215	542			
7/7	129	976	804	1,695	2,220	486	231	614			
7/8	136	982	814	1,879	2,426	554	238	677			
Season											
Total	281	1,280	1,955	4,761	4,356	1,004	n.a.	n.a.	1,019	963	

## **COMMERCIAL CATCH REPORT:**

### **July 10, Subdistrict 1-B Comparison of Most Recent Commercial Opening to Similar Dates With Fishing**

Date	Subdistrict	Permits	Hours	Chinook		Sockeye		Chum		Coho	
				Catch	CPUE	Catch	CPUE	Catch	CPUE	Catch	CPUE
7/9/2010	1-B	146	4	176	0.30	15,076	25.82	24,719	42.33	-	0.0
7/11/2009	1-B	70	4	87	0.31	1,069	3.82	7,500	26.79	-	0.0

### **July 12, Subdistrict 1-A Comparison of Most Recent Commercial Openings to Similar Dates With Fishing**

Date	Subdistrict	Permits	Hours	Chinook		Sockeye		Chum		Coho	
				Catch	CPUE	Catch	CPUE	Catch	CPUE	Catch	CPUE
7/11/2011	1-A	75	3	89	0.40	2,157	9.59	11,406	50.69	-	0.0
7/12/1996	1-A	95	2	115	0.61	2,093	11.02	8,970	47.21	390	2.05



Broad Scale view of Rolling Closure Sections, Kuskokwim River, Subsistence Chinook Salmon Management 2012

