

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 2, 2013**

Time: **10:00 am**

Place: **Bethel**

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. Lowest River
 - b. ONC Inseason Subsistence
 - c. Lower River
 - d. Middle River
 - e. KNA Inseason Subsistence
 - f. Upper River
 - g. 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: N/A
4. Processor Report:
5. Sport Fish Report:
6. Intercept Fishery Report: *optional*
7. Weather Forecast:
8. Recommendation:
9. Motion for Discussion and Action

OLD BUSINESS:

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 2, 2013

KNA Weekly Subsistence Fishing Reports 6/25 -7/1

*NR = No Response

VILLAGE	GEAR TYPE	SPECIES	Weekly Total of fish caught
Aniak	Driftnet 6"		
<u>Comments:</u> Started fishing 2 weeks ago. 10 drifts, wants 30 silvers. Says heat may make fish swim deeper making them harder to catch.		Sockeye	N/A
		Chinook	2
		Coho	N/A
		Chum	3
Kalskag	Set net 8"		
<u>Comments:</u> Started fishing 1 week ago. Took set net out yesterday. More kings this year, reds the same, Chum larger. Done for the season. Said water was too high last year, better weather this year.		Sockeye	10
		Chinook	70
		Coho	N/A
		Chum	9
Kalskag	Driftnet & Set net 4" & 7"		
<u>Comments:</u> Started 2.5 weeks ago. 15 drifts/day, pulled set net out yesterday. Wants 20 kings. Late break up made fish late. Fish quality run the same and hard to catch kings. Wants to close commercial fishing for a few years.		Sockeye	11
		Chinook	20
		Coho	N/A
		Chum	100
Kalskag	Set net 4.5"		
<u>Comments:</u> Started 2 weeks ago, 2 drifts per day. More red & chum this year, kings the same. Wants 100 more kings.		Sockeye	40
		Chinook	40
		Coho	N/A
		Chum	30
Chuathbaluk	Driftnet 6"		
<u>Comments:</u> First drift 2 weeks ago. Hardly any kings and less reds. Wants 30 kings & 20 reds. Late break up made runs late. Wants closure for lower Kuskokwim for Chinook. Very hard to catch kings this year.		Sockeye	10
		Chinook	17
		Coho	N/A
		Chum	27
Chuathbaluk	Driftnet 5.75" & 7.25"		
<u>Comments:</u> Started 2 weeks ago. 8-10 drifts, had to drift further out to get what they need. Says hardly any kings, reds & chum are fine. Wants 200 to feed 4 houses. Wants to shut down commercial fishing for 10 years		Sockeye	10
		Chinook	8-10
		Coho	N/A
		Chum	15-20

KNA Weekly Subsistence Fishing Reports 6/25 -7/1 (continued)

*NR = No Response

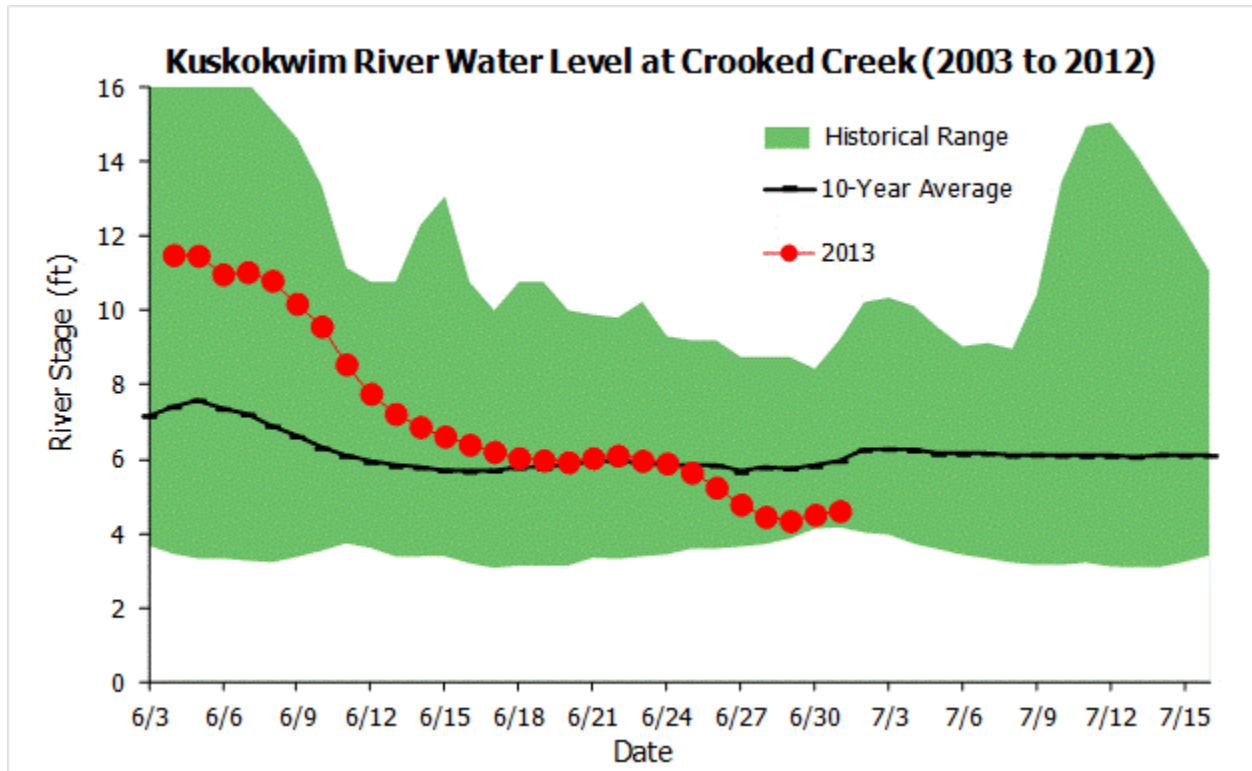
VILLAGE	GEAR TYPE	SPECIES	Weekly Total of fish caught
Chuathbaluk	Drift net 8.25" & 6"		
<u>Comments:</u> Started 2 weeks ago, 6 drifts with 1 king. Chum & reds are the same, kings are worse this year. Fish are running late because of late break up. Wants to cut lower Kuskokwim to 25' fathom. Still wants 100 kings.		Sockeye	10
		Chinook	15
		Coho	N/A
		Chum	15-20
Aniak	Drift net 8"		
<u>Comments:</u> Started fishing 6-23 & has done 30 drifts. This year is harder catching kings, reds are low, and chums are the same. Wants closure from mouth of Kuskokwim to Tuluksak. Wants 20 more kings and 20 silvers to feed 2 households.		Sockeye	10
		Chinook	8
		Coho	N/A
		Chum	N/A
Aniak	Drift net 8"		
<u>Comments:</u> Started fishing 2 weeks ago and hasn't caught many kings. Has done 20 drifts per night. Reds & chum are same. Fishing is harder and it is taking a lot of gas. Would like to see more closures. Wants 30 kings. Has noticed a lot of tape worms.		Sockeye	60
		Chinook	20
		Coho	N/A
		Chum	80
Aniak	Drift net 6"-8"		
<u>Comments:</u> Started fishing a 1 week ago. Reds & chum same, more kings than last year. Wants 50 kings. Wants closure in Bristol Bay fisheries for a couple of years.		Sockeye	20
		Chinook	130
		Coho	N/A
		Chum	30
Aniak			
<u>Comments:</u> Fishing all day every day for past week. Averaging 1 king per drift. Less fish than last year, in general very poor Chinook numbers.		Sockeye	N/A
		Chinook	15
		Coho	N/A
		Chum	N/A
Kalskag	Drift net 1/2- 6"		
<u>Comments:</u> Average fishing year. 4 drifts total.		Sockeye	12
		Chinook	3
		Coho	N/A
		Chum	10

KNA Weekly Subsistence Fishing Reports 6/25 -7/1 (continued)

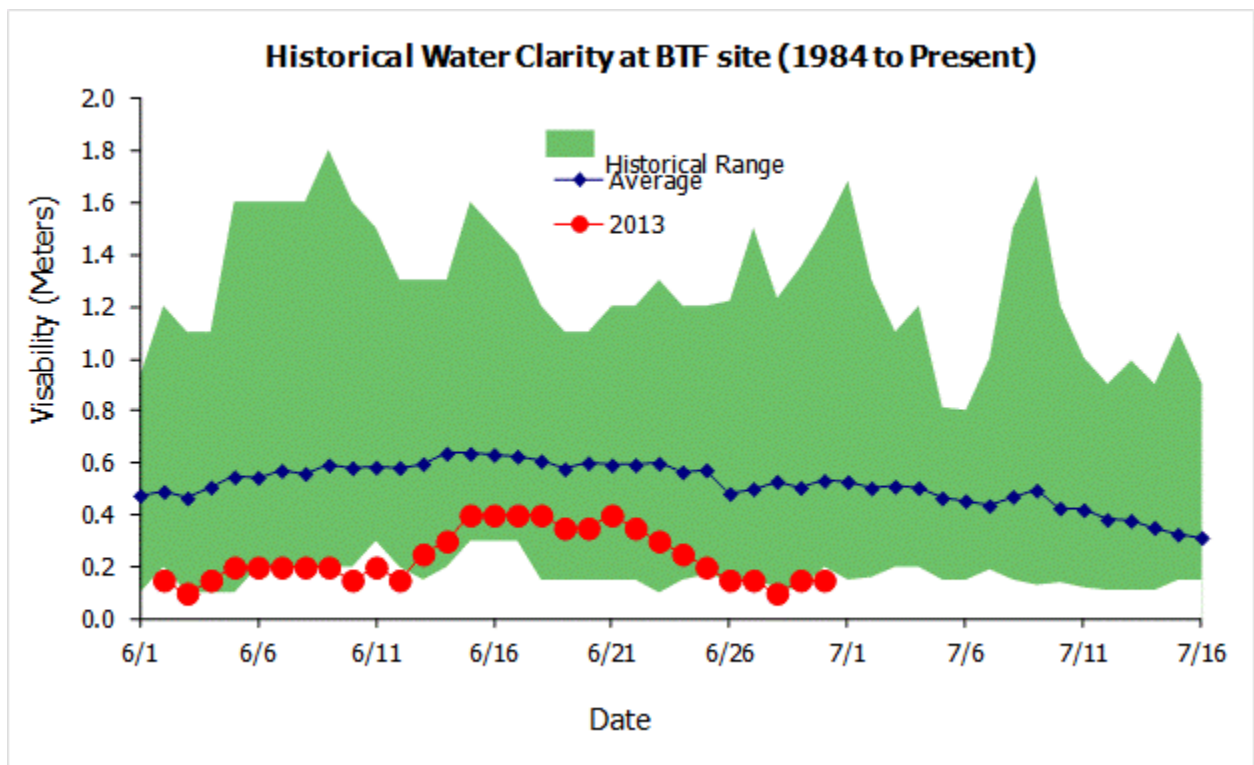
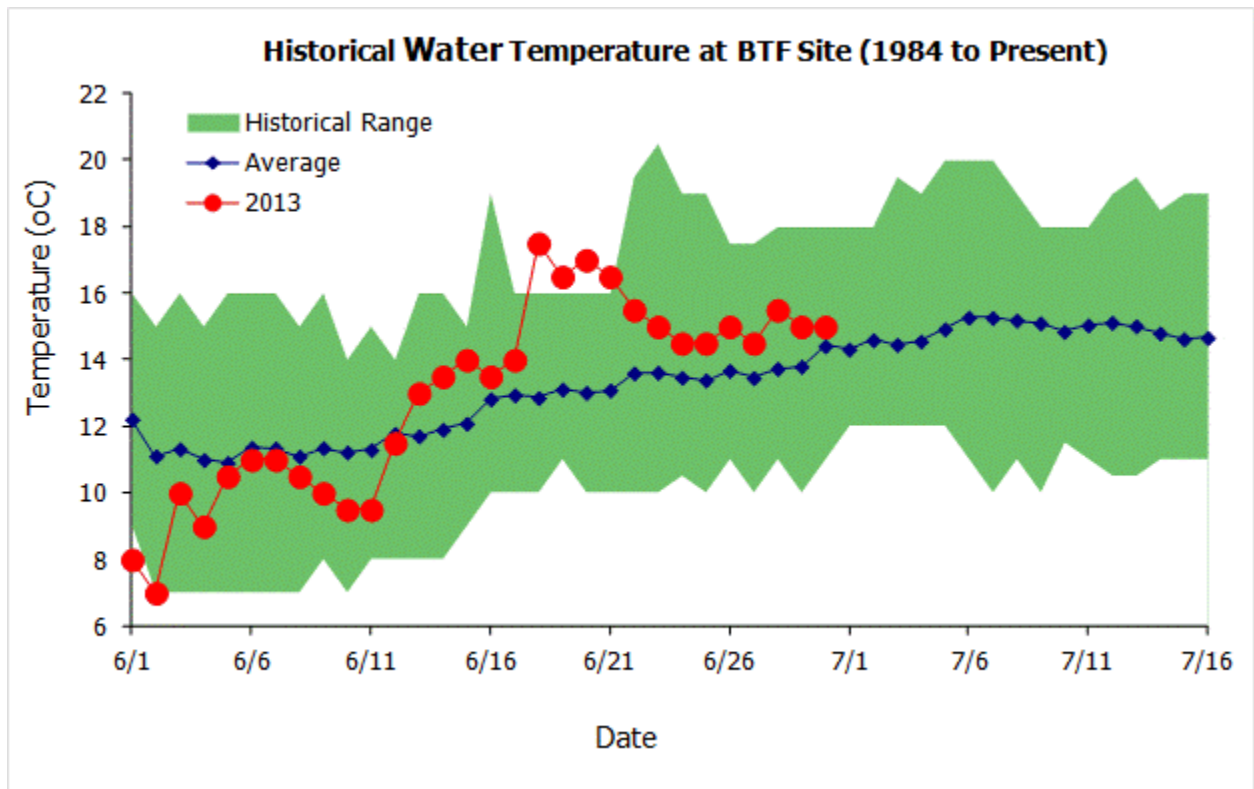
*NR = No Response

VILLAGE	GEAR TYPE	SPECIES	Weekly Total of fish caught
Crooked Creek	Drift net ½- 5.5"		
<u>Comments:</u> Fished hard for 2 days.		Sockeye	3
		Chinook	2
		Coho	N/A
		Chum	28
Red Devil	Set net 5.5"		
<u>Comments:</u> Lots of debris in river. Checks net 1 time per day. Had to pull net due to debris.		Sockeye	2
		Chinook	1
		Coho	N/A
		Chum	12

OVERVIEW OF KUSKOKWIM RIVER SALMON RUN ASSESSMENT PROJECTS



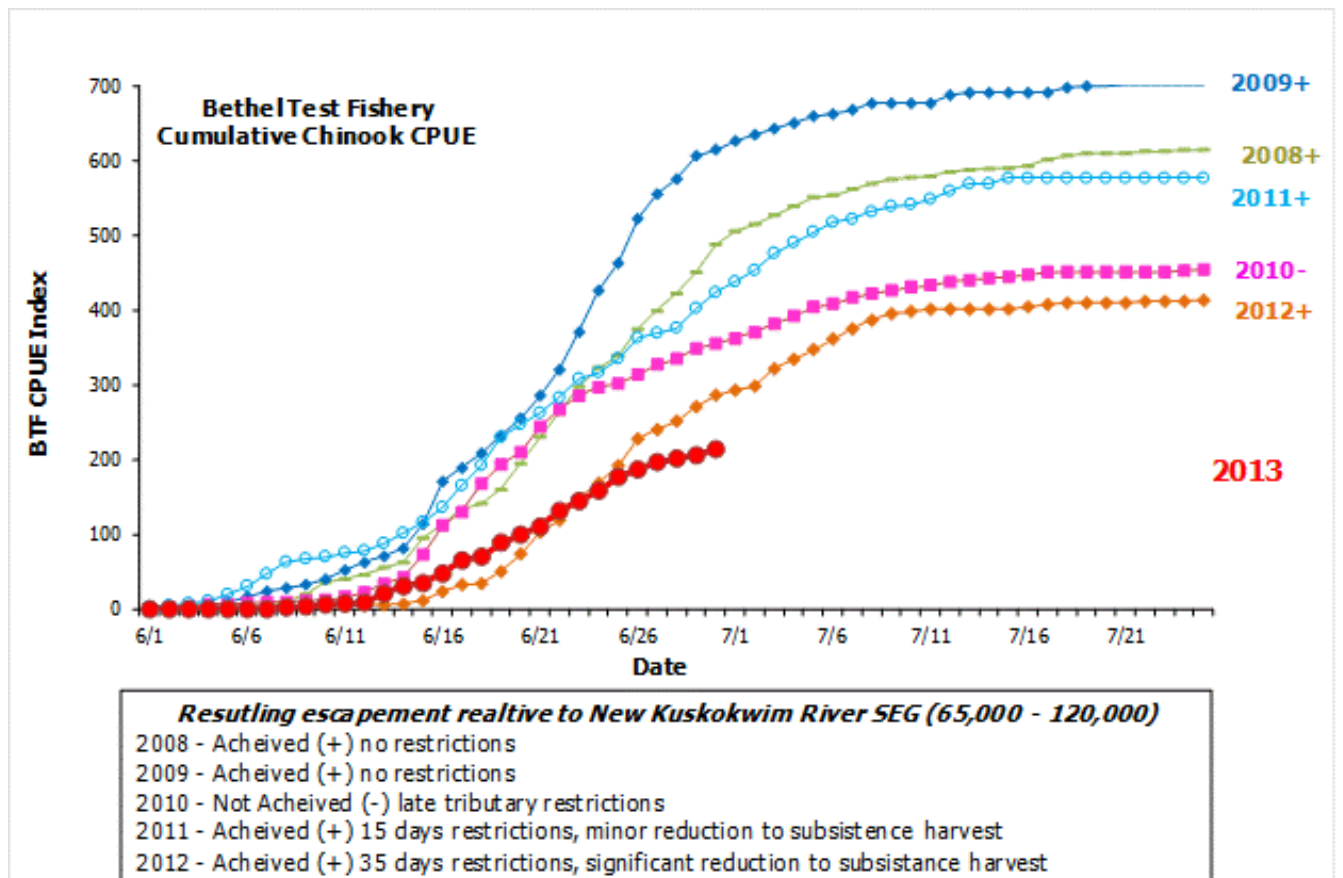
Data obtained through: <http://water.weather.gov/ahps2/hydrograph.php?wfo=pafc2&gage=cjxa2>



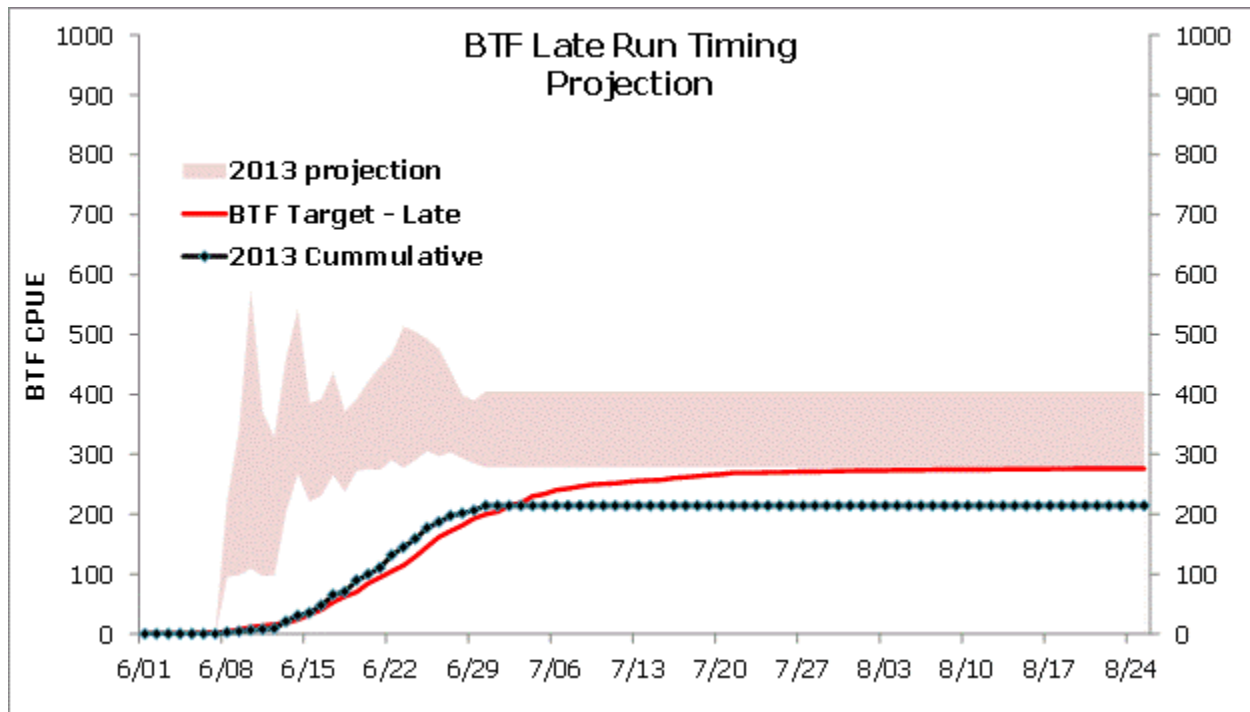
Chinook Salmon

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

	2008	2009	2010	2011	2012	2013
6/22	262	320	267	283	119	132
6/23	298	371	285	308	148	145
6/24	323	426	297	317	168	159
6/25	339	463	302	335	192	177
6/26	374	522	314	363	228	187
6/27	399	555	327	369	240	197
6/28	422	575	335	376	252	202
6/29	451	606	349	402	271	206
6/30	488	615	355	423	286	214
7/01	505	626	362	438	293	
7/02	515	635	370	453	298	
7/03	527	643	381	476	321	
7/04	539	650	393	490	334	
7/05	551	659	404	505	347	
7/06	554	662	409	517	362	
7/07	562	668	417	521	375	
7/08	569	676	422	531	387	
7/09	575	676	426	539	395	
7/10	578	676	431	542	398	
7/11	579	676	433	548	401	

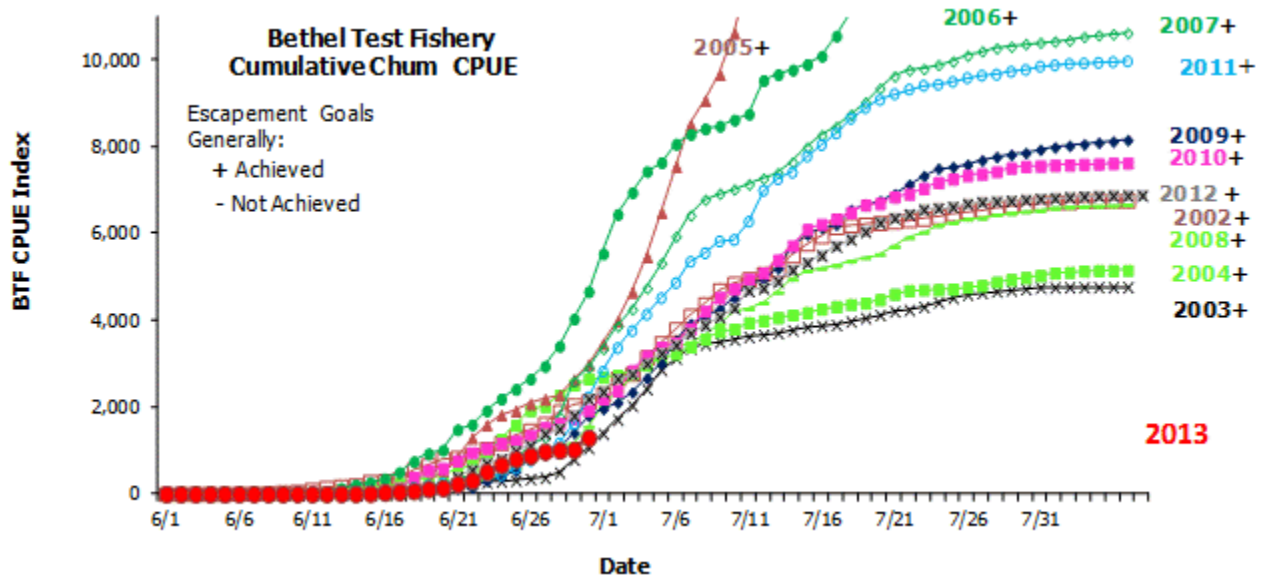


Chinook Salmon (continued)



Chum Salmon

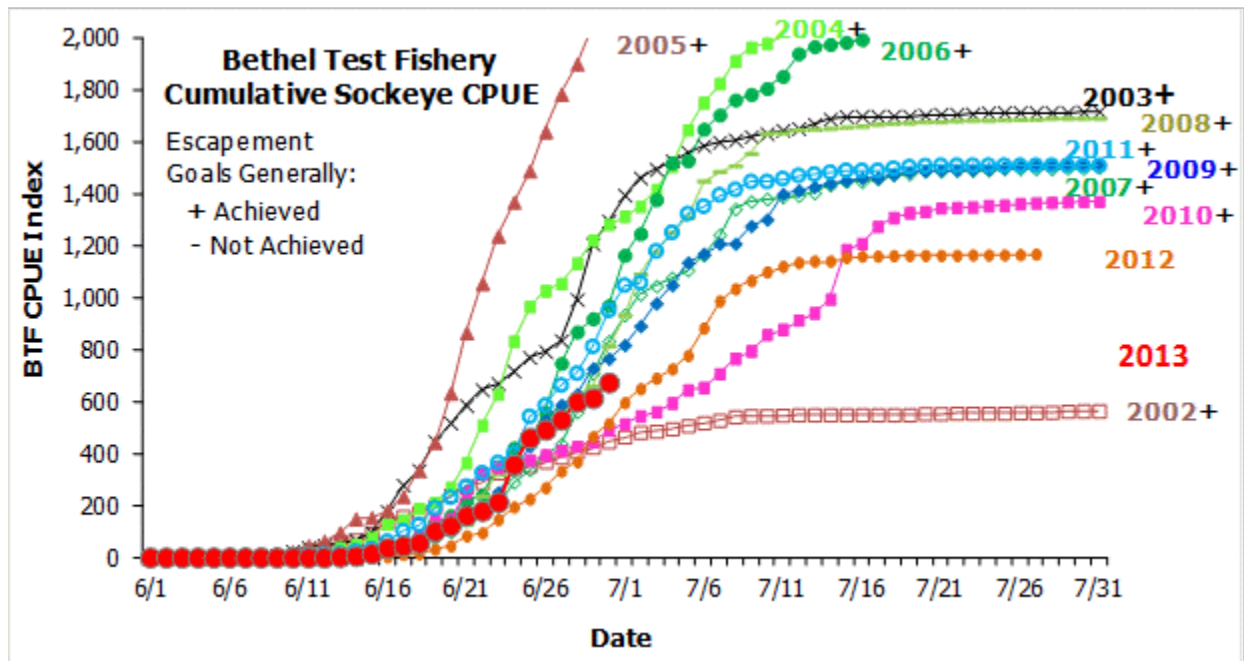
Bethel Test Fishery Chum Salmon Cumulative CPUE Index												
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
6/22	903	235	659	1288	1595	407	264	149	954	371	552	313
6/23	1047	270	959	1587	1916	506	337	301	1049	414	704	511
6/24	1181	291	1260	1817	2188	632	437	397	1163	433	798	669
6/25	1329	312	1583	1918	2412	840	598	532	1224	597	989	805
6/26	1466	349	1926	2077	2646	1075	753	783	1340	769	1110	881
6/27	1622	375	2014	2183	2941	1308	921	904	1524	963	1386	979
6/28	1897	496	2271	2273	3402	1783	1099	1028	1613	1165	1495	1007
6/29	2048	791	2514	2631	4031	2589	1176	1407	1738	1607	1801	1020
6/30	2136	1099	2653	2989	4660	2917	1550	1800	1931	2223	2189	1297
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	3423	
7/07	4107	3352	3395	8496	8278	6414	3471	3917	3802	5340	3695	
7/08	4367	3447	3561	9055	8409	6775	3660	4083	4205	5542	3879	
7/09	4696	3503	3733	9656	8468	6914	3909	4256	4524	5811	4078	
7/10	4846	3558	3800	10604	8609	7011	4219	4502	4716	5843	4275	
7/11	4945	3618	3945	11899	8743	7127	4260	4855	4940	6264	4675	



Sockeye Salmon

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

Date	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
6/22	290	646	509	1,056	239	186	237	171	323	326	95	179
6/23	325	670	628	1,239	350	197	320	251	347	365	146	213
6/24	346	718	833	1,370	422	290	381	340	366	400	194	358
6/25	353	771	966	1,489	454	338	455	429	375	543	225	461
6/26	368	793	1,027	1,640	556	393	518	528	394	586	269	492
6/27	385	836	1,055	1,785	748	436	572	588	411	664	333	531
6/28	407	994	1,133	1,901	869	560	619	629	428	709	369	601
6/29	424	1,207	1,222	2,052	920	710	660	729	446	813	466	614
6/30	446	1,296	1,283	2,204	971	833	813	766	491	952	516	674
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	884	
7/07	528	1,600	1,825	2,715	1,704	1,243	1,487	1,209	708	1,396	988	
7/08	542	1,608	1,912	2,773	1,763	1,343	1,509	1,209	766	1,417	1,035	
7/09	546	1,621	1,965	2,816	1,784	1,371	1,557	1,277	795	1,448	1,066	
7/10	546	1,633	1,980	2,845	1,807	1,381	1,634	1,302	858	1,448	1,100	
7/11	548	1,646	2,010	2,860	1,854	1,389	1,636	1,400	879	1,459	1,121	



ESCAPEMENT MONITORING

Chinook Salmon

Kwethluk River weir historical cumulative daily passage of Chinook salmon										
Escapement Goal Range: 4,100 to 7,499										
= years when escapement goal achieved or exceeded										
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
6/28	2322		595	0	0		1	56		5
6/29	2860		1131	2	8		3	120		8
6/30	5460		1584	8	21	10	8	152		16
7/1	7774		2051	55	60	34	18	194		
7/2	9257		2786	98	92	236	32	267		
7/3	9951		3495	170	145	237	81	523		
7/4	11804		3655	296	210	452	135	699		
Season Total	28,605	n.a.	17,619	12,927	5,276	5,744	1,668	4,079	n.a.	

Tukusak River weir historical cumulative daily passage of Chinook salmon										
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
6/28	80	26	15	0	0	0	0	0	0	0
6/29	114	66	34	0	0	0	0	0	0	0
6/30	180	91	47	2	0	1	0	0	0	0
7/1	255	94	56	5	1	1	0	1	4	
7/2	259	118	67	18	2	2	0	8	7	
7/3	352	511	68	19	2	2	3	9	7	
7/4	470	665	90	39	3	3	8	12	8	
Season Total	1,475	2,653	1,043	374	701	362	201	284	560	

Salmon River weir historical cumulative daily passage of Chinook salmon						
Cumulative Daily Passage						
Date	2006	2007	2008	2009	2012	2013
6/28		2	1			0
6/29		2	1			0
6/30		6	1			0
7/1		8	1			
7/2		10	1			
7/3		42	2			
7/4		49	5			
Season Total	n.a.	6,220	2,376	n.a.	n.a.	

Chinook Salmon (continued)

George River weir historical cumulative daily passage of Chinook salmon											
Escapement Goal Range: 1,800 to 3,291											= years when escapement goal achieved or exceeded
Cumulative Daily Passage											
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
6/28	638	620	72	13	15	20	10	22	121	40	
6/29	943	1,012	90	49	22	23	17	22	149	63	
6/30	1,163	1,214	281	110	31	54	25	23	183	67	
7/1	1,263	1,322	669	123	43	194	42	44	257		
7/2	1,288	1,444	733	204	57	216	78	120	331		
7/3	1,697	1,848	832	283	74	261	79	207	357		
7/4	1,858	2,184	1,421	402	93	316	134	400	385		
Season Total	5,206	3,845	4,355	4,883	2,698	3,663	1,500	1,571	2,302		

Kogrukuk River weir historical cumulative daily passage of Chinook salmon											
Escapement Goal Range: 4,800 to 8,800											= years when escapement goal achieved or exceeded
Cumulative Daily Passage											
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
6/28	302	210	0		0	5	3	0			
6/29	730	291	6		0	9	3	13		0	
6/30	1,011	362	31		0	15	3	23		0	
7/1	1,308	741	111		0	28	3	34			
7/2	1,658	1,284	344		0	57	4	59			
7/3	2,320	2,135	539		0	96	6	66			
7/4	2,898	2,252	1,170		14	130	14	74			
Season Total	19,651	21,999	19,414	n.a.	9,730	9,701	5,693	6,890	n.a.		

Tatlawiksuk River weir historical cumulative daily passage of Chinook salmon										
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
6/28	453	72	29	36	2	11	4	5	1	35
6/29	528	77	33	37	3	17	19	5	3	39
6/30	571	269	75	37	5	20	19	14	4	39
7/1	886	293	98	129	8	22	20	21	4	
7/2	1,017	367	119	151	12	36	23	47	15	
7/3	1,103	848	124	223	17	37	35	91	19	
7/4	1,268	1,096	252	306	23	39	44	134	25	
Season Total	2,833	2,918	1,700	2,061	1,071	1,071	569	1,014	1,116	

Chinook Salmon (continued)

Takotna River weir historical cumulative daily passage of Chinook salmon										
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
6/28	29	31	1	0	3	3	0	0	0	2
6/29	33	45	3	0	3	4	0	0	0	2
6/30	49	95	3	3	10	5	3	0	0	2
7/1	51	96	6	4	15	5	7	0	0	
7/2	52	97	9	4	18	7	7	0	0	
7/3	56	98	9	24	23	16	8	0	0	
7/4	79	108	21	39	28	16	13	0	0	
Season Total	461	499	541	418	413	311	178	148	228	

Chum Salmon

Kwethluk River weir historical cumulative daily passage of chum salmon										
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
6/28	1789		1366	68	0		254	335		31
6/29	2721		1930	157	44		369	421		37
6/30	4106		2433	203	76	30	584	537		51
7/1	5035		2921	421	122	97	853	729		
7/2	6203		3745	565	200	271	1272	998		
7/3	8014		5104	765	333	289	1702	1280		
7/4	9260		6369	1160	475	741	2277	1493		
Season Total	38,646	n.a.	47,491	54,913	20,030	32,191	19,235	18,329	n.a.	

Tuluksak River weir historical cumulative daily passage of chum salmon										
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
6/28	612	81	476	1		3	0	0	0	0
6/29	772	163	598	1	7	3	0	2	0	0
6/30	1568	299	1019	2	13	7	1	6	10	2
7/1	1706	332	1358	91	24	9	27	12	24	
7/2	1707	460	1572	146	49	18	30	94	59	
7/3	1859	1012	1787	165	58	32	278	152	79	
7/4	2336	1475	2443	381	194	35	561	188	296	
Season Total	11,796	35,696	25,652	17,286	12,550	13,671	13,042	9,828	16,981	

Salmon River weir historical cumulative daily passage of chum salmon						
Cumulative Daily Passage						
Date	2006	2007	2008	2009	2012	2013
6/28		7	0			3
6/29		9	2			3
6/30		31	9			3
7/1		36	16			
7/2		49	20			
7/3		97	40			
7/4		128	53			
Season Total	n.a.	25,379	9,459	n.a.	n.a.	

Chum Salmon (continued)

George River weir historical cumulative daily passage of chum salmon										
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
6/28	2,837	318	2,014	313	400	68	274	423	930	667
6/29	3,404	588	2,371	475	587	88	554	468	1,157	1,096
6/30	3,764	816	2,946	833	827	115	1,116	662	1,437	1,212
7/1	3,912	967	4,142	1,074	1,121	191	1,692	1,238	1,886	
7/2	4,091	1,307	4,877	1,601	1,468	257	2,149	2,081	2,414	
7/3	4,634	2,026	5,755	2,138	1,868	360	2,449	3,266	2,845	
7/4	5,106	2,462	7,353	3,120	2,321	577	2,873	4,684	3,141	
Season Total	14,408	14,828	41,467	55,843	29,979	7,941	26,154	44,641	34,336	

Kogrukkuk River weir historical cumulative daily passage of chum salmon										
Escapement Goal Range: 15,000 to 49,000					= years when escapement goal achieved or exceeded					
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
6/28	552	105	336	37	0	58	2	57		
6/29	1,012	210	1,293	72	0	118	12	86		3
6/30	1,560	370	2,644	116	0	158	27	131		26
7/1	2,076	768	4,686	220	0	223	50	165		
7/2	2,507	1,084	7,189	395	0	309	64	226		
7/3	3,012	1,739	10,405	596	3	424	187	303		
7/4	3,732	2,688	15,238	1,049	123	515	513	403		
Season Total	24,201	197,723	180,601	49,509	44,978	84,940	63,582	76,386	n.a.	

Tatlawiksuk River weir historical cumulative daily passage of chum salmon										
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
6/28	2,002	230	1,398	468	129	98	251	311	230	311
6/29	2,268	360	1,862	541	210	112	631	319	517	594
6/30	2,646	726	3,231	684	347	132	858	539	907	716
7/1	3,108	939	3,689	1,469	541	165	1,558	991	1,415	
7/2	3,798	2,544	3,897	1,917	791	221	2,134	1,681	2,195	
7/3	4,458	4,924	4,661	3,059	1,098	226	2,868	2,790	2,614	
7/4	4,983	6,034	6,851	4,709	1,461	276	3,713	3,767	3,323	
Season Total	21,245	55,723	32,303	83,246	30,896	19,975	36,702	84,204	44,572	

Chum Salmon (continued)

Takotna River weir historical cumulative daily passage of chum salmon										
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
6/28	103	38	208	44	73	84	0	0	0	46
6/29	132	54	302	62	93	112	4	0	0	56
6/30	166	94	459	105	125	123	14	15	1	92
7/1	220	118	634	149	161	144	41	47	2	
7/2	261	159	815	202	202	163	69	92	6	
7/3	320	206	1121	361	306	187	100	167	15	
7/4	378	292	1430	508	415	222	176	291	37	
Season Total	1,633	6,488	12,652	8,874	5,704	2,528	4,057	8,413	6,050	

Sockeye Salmon

Kwethluk River weir historical cumulative daily passage of sockeye salmon										
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
6/28	952		<i>1174</i>	118	0		650	<i>210</i>		<i>77</i>
6/29	1241		<i>1402</i>	248	<i>41</i>		765	<i>259</i>		<i>92</i>
6/30	1724		1594	341	<i>71</i>	71	860	<i>310</i>		104
7/1	1888		1946	483	<i>133</i>	204	992	<i>363</i>		
7/2	2112		2293	574	<i>231</i>	559	1089	<i>437</i>		
7/3	2296		2667	693	338	572	1191	666		
7/4	2448		2913	898	421	1017	1271	847		
Season Total	3,490	n.a.	6,733	5,262	2,451	4,230	4,239	2,031	n.a.	

Salmon River weir historical cumulative daily passage of sockeye salmon						
Cumulative Daily Passage						
Date	2006	2007	2008	2009	2012	2013
6/28		0	0		0	0
6/29		0	0		0	0
6/30		0	0		0	0
7/1		0	0		0	
7/2		0	0		0	
7/3		0	0		0	
7/4		0	0		0	
Season Total	n.a.	2,130	1,181	n.a.	942	

Kogrukduk River weir historical cumulative daily passage of sockeye salmon										
Escapement Goal Range: 4,400 to 17,000					= years when escapement goal achieved or exceeded					
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
6/28	9	17	5	0	0	2	0	0		
6/29	22	23	13	1	0	7	0	1		0
6/30	64	25	60	1	0	7	0	1		0
7/1	106	57	223	2	0	13	0	3		
7/2	157	137	483	2	0	17	0	6		
7/3	209	270	919	10	0	24	0	7		
7/4	351	333	2,168	25	2	34	1	10		
Season Total	6,775	37,939	60,807	16,526	19,675	23,785	13,997	8,135	n.a.	

Note: Years with *n.a.* as season total are considered incomplete. The weir operated but total escapement was not determined.

Note: Cumulative passage in *Italic* contains a single day estimate for that day.