

# 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 15, 2013**

Time: **10:00 am**

Place: **Bethel**

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Time Called to Order

Chair

Time Adjourned

### ROLL CALL TO ESTABLISH QUORUM:

### QUORUM MET? Yes / No

**Upriver Elder:**

**Downriver Elder:**

**Commercial Fisher:**

**Lower River Subsistence:**

**Middle River Subsistence:**

**Upper River Subsistence:**

**Headwaters Subsistence:**

**Processor:**

**Member at Large:**

**Sport Fisher:**

**Western Interior RAC:**

**Y-K Delta RAC:**

**ADF&G:**

### **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:
4. Processor Report:
5. Sport Fish Report:
6. Intercept Fishery Report: *optional*
7. Weather Forecast:
8. Recommendation:
9. Motion for Discussion and Action 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

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

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## Information Packet

July 15, 2013

### **LOWER KUSKOKWIM RIVER INSEASON CATCH MONITORING REPORT:** **Orutsararmiut Native Council (ONC)**

July 1<sup>st</sup>, 2013

#### **Fishing reports from June 24<sup>th</sup>- July 1<sup>st</sup>, 2013**

Families Surveyed	Families Fishing	Driftnets	Setnets	Both Nets	Larger than 6" mesh	6" mesh and smaller	Both Sizes	Rod & Reel
55	<b>36</b>	28	2	6	14	13	9	0
		78%	6%	17%	39%	36%	25%	0

Percentages are based on the number of families fishing each week.

#### **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
17	10	9	18	15	3	17	14	5
47%	28%	25%	50%	42%	3%	47%	39%	14%

Percentages are based on the number of families fishing each week.

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

CHINOOK			CHUM			SOCKEYE		
Early	Normal	Late	Early	Normal	Late	Early	Normal	Late
2	15	19	3	26	7	2	24	9
6%	42%	53%	8%	72%	19%	6%	67%	25%

Percentages are based on the number of families fishing each week.

#### **Harvest Goal Summary:**

For the week of July 1, of the 55 surveyed families, 29 families have finished subsistence fishing for Chinook, chum and sockeye. 8 Families have not reached their needs for Chinook and 21 families have met their needs. All 55 families have reported that they will be subsistence fishing for Coho. There were a few families that have reported to switching over to 4" gear in order to catch more whitefish to put away. Many of our families were thankful ADF&G and USFWS for not having restrictions because it helped them meet their needs.

**Chinook:**

Many of the families surveyed had reported the catch rate to be very good and run timing about one week late. They said that there are more Chinook with larger males and females this season. A majority of families are switching over to smaller mesh gear to be more conservative.

**Chum:**

A majority of the families have reported the chum catch rate to be very good and run timing to be normal. There were reports that chum caught are very big this year compared to previous years.

**Sockeye:**

A majority of the families have reported the sockeye catch rate to be very good and run timing to be normal. There were reports that the male sockeye are a lot larger this year and that there are more females than males. Some families said that that the peak of the sockeye run seemed to have passed.

**Comments:**

Many families had switched over to a smaller mesh in order to target chum and sockeye to meet subsistence needs. After the recent 6-inch mesh restriction, a few families had their nets confiscated so they had to wait until they get their nets back to continue fishing. There were also reports of families catching Coho salmon.

The mesh gear reported using this week is 14 families using 8", 1 family using 7 ¾", 4 families using 7 ½", 1 family using 7", 1 family using 6 ½", 11 family using 6", 4 families using 5 ½", 1 family using 5 ¼", and 6 families using 4". Many families that larger mesh did not catch as many salmon, including Chinook. One family reported to be fishing a 5 ½ mesh net and during a 10 minute drift caught 16 chums, 7 sockeye, and 1 Chinook.

**Surveyor comments:**

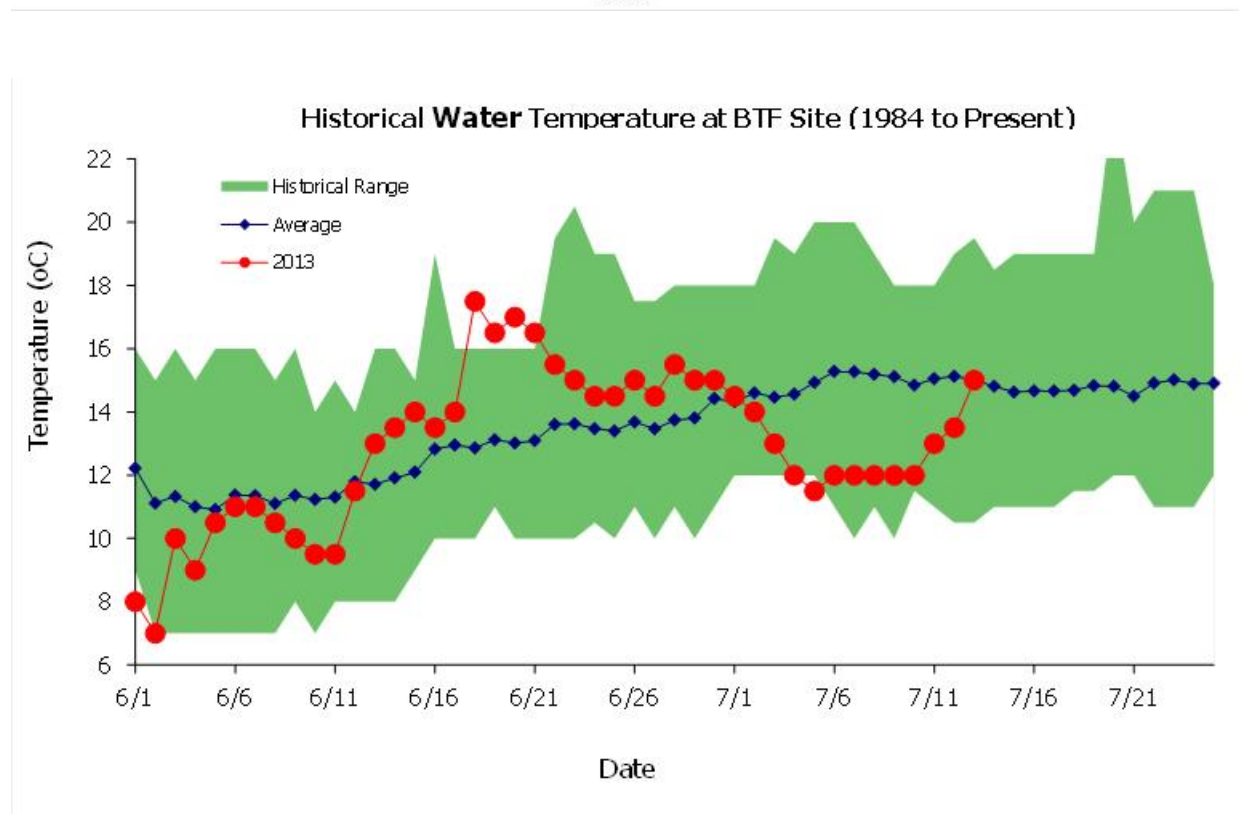
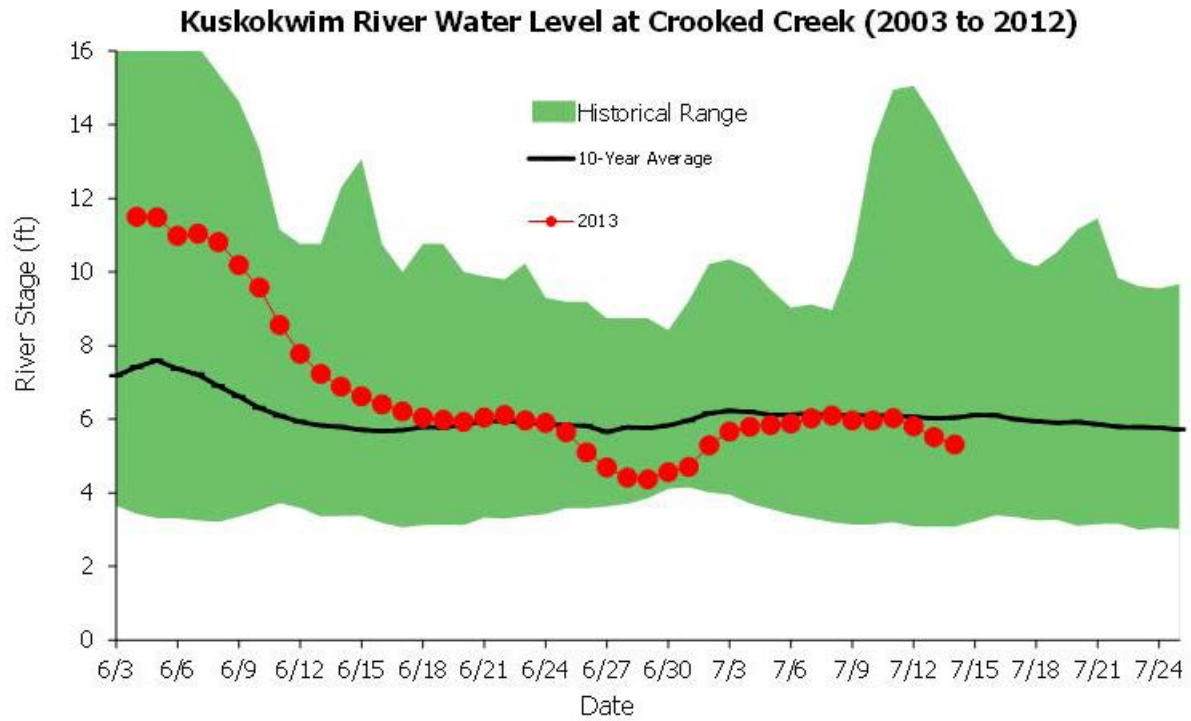
This week ONC technicians had observed, from Gweek to Napaskiak, a total of 11 Drift nets and 8 set nets. After the 6-inch mesh restriction started, a majority of these nets were taken out.

**KNA Weekly Subsistence Fishing Reports  
7-7-12**

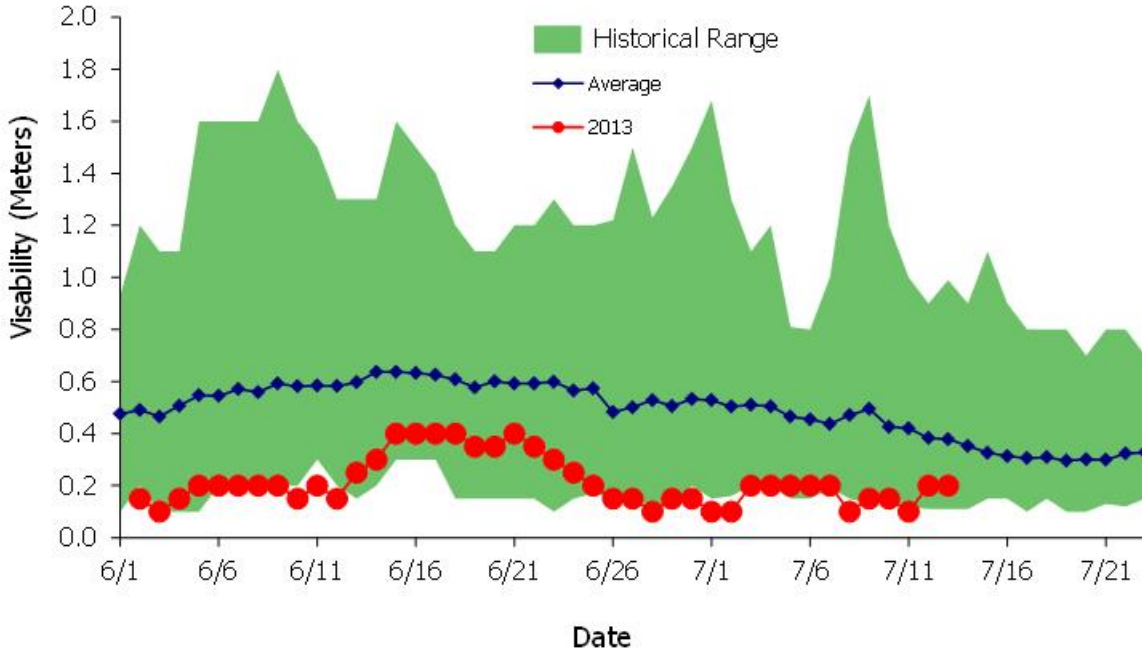
\*NR = No Response

VILLAGE	GEAR TYPE	SPECIES	Weekly total of fish caught
<b>Sleetmute</b>	Setnet - 5 1/4"		
<u>Comments:</u> Started May 27th. Fewer Kings. Dogs came in early. Uses 6 chum a day to feed dogs. Plans on getting 25 silvers. Checks net at least once a day.		<b>Sockeye</b>	1
		<b>Chinook</b>	N/A
		<b>Coho</b>	N/A
		<b>Chum</b>	49
<b>Kalskag</b>	Driftnet - 6"		
<u>Comments:</u> No fishing this past week during closure.		<b>Sockeye</b>	
		<b>Chinook</b>	
		<b>Coho</b>	
		<b>Chum</b>	
<b>Red Devil</b>	Setnet - 5 1/2" & 4"		
<u>Comments:</u> Started in May. Only 5-6 Kings this year. Biggest King weighed 16 pounds. Reds are just starting to come. Too many dogs. Most chum are rotten, but they put away the ones that are good. Terrible weather. Plans on getting 25 Coho.		<b>Sockeye</b>	25
		<b>Chinook</b>	N/A
		<b>Coho</b>	N/A
		<b>Chum</b>	100
<b>Aniak</b>	Driftnet - 5 7/8"		
<u>Comments:</u> Started June 18. Kings are thicker. Reds are little slower. Has a dog team of 41 to feed. Doesn't like the closures for the middle Kusko. Plans on getting 15 more reds for eating and 500 silvers. Plans on having 750 chum total. 1 drift a day, 4 total.		<b>Sockeye</b>	7
		<b>Chinook</b>	5
		<b>Coho</b>	N/A
		<b>Chum</b>	106
<b>Aniak</b>	Driftnet - 6", rod & reel		
<u>Comments:</u> Started June 10. More chum and reds this year. Plans on catching 20 more Coho. Weather has been good for drying. Worried about the Kings. No drifts this week		<b>Sockeye</b>	N/A
		<b>Chinook</b>	N/A
		<b>Coho</b>	N/A
		<b>Chum</b>	9

# OVERVIEW OF KUSKOKWIM RIVER SALMON RUN ASSESSMENT PROJECTS



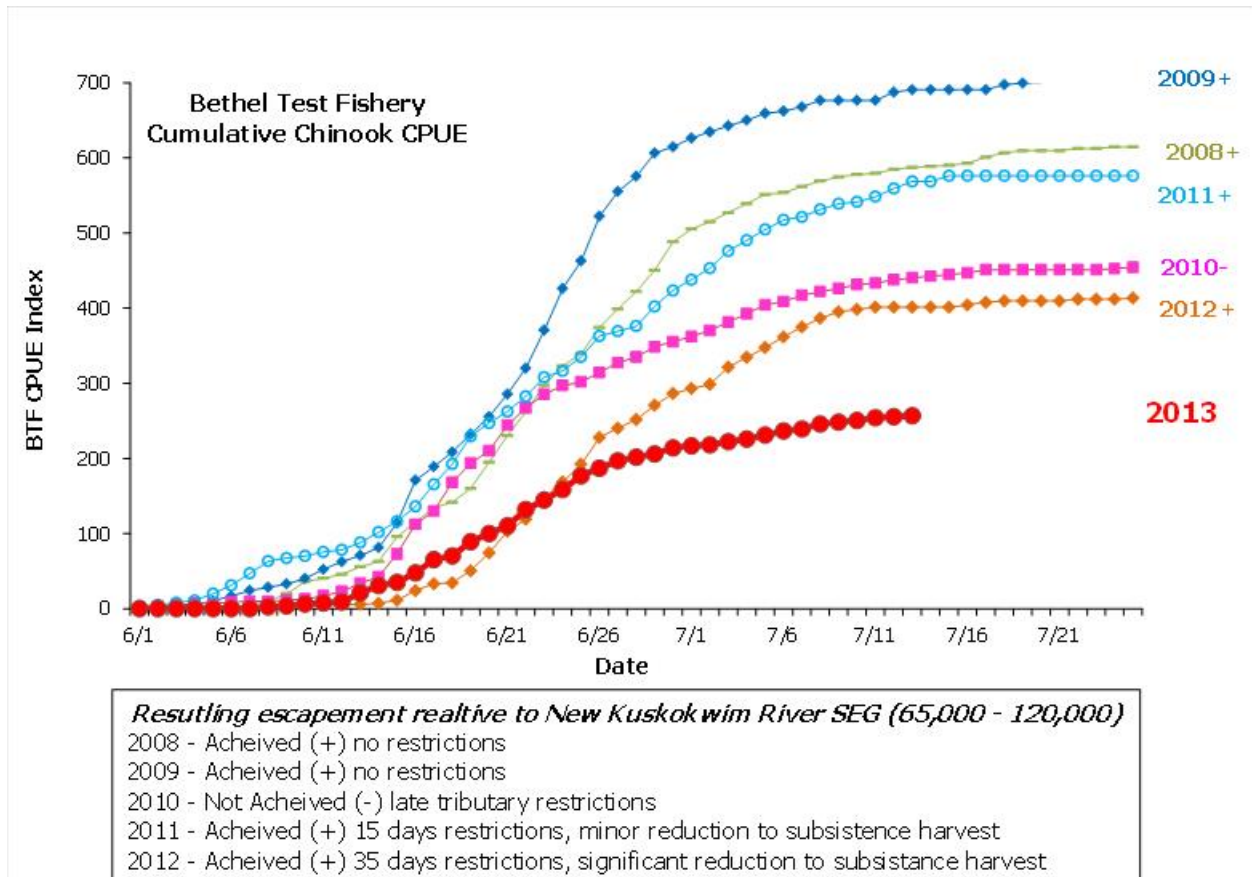
### Historical Water Clarity at BTF site (1984 to Present)



## Chinook Salmon Cumulative CPUE Index, Bethel Test Fishery

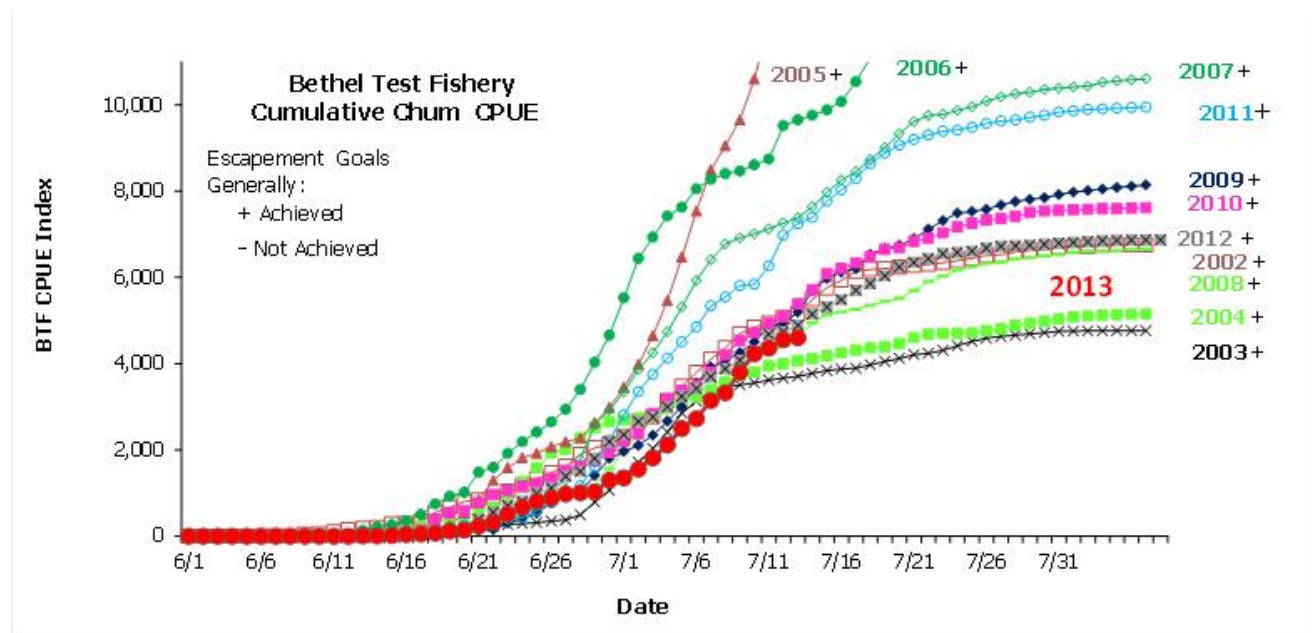
Bethel Test Fishery  
Chinook Salmon Cumulative CPUE Index

	2008	2009	2010	2011	2012	2013
7/05	551	659	404	505	347	231
7/06	554	662	409	517	362	237
7/07	562	668	417	521	375	239
7/08	569	676	422	531	387	246
7/09	575	676	426	539	395	248
7/10	578	676	431	542	398	251
7/11	579	676	433	548	401	254
7/12	585	688	438	559	401	255
7/13	587	691	440	569	401	257
7/14	589	691	443	569	401	
7/15	590	691	445	576	401	
7/16	593	691	447	576	404	
7/17	601	691	451	576	408	
7/18	607	697	451	576	410	
7/19	609	700	451	576	410	
7/20	609	700	451	576	410	
7/21	609	702	451	576	410	
7/22	613	702	451	576	412	
7/23	613	702	451	576	412	
7/24	615	702	453	576	412	
7/25	615	702	455	576	413	



## Chum Salmon Cumulative CPUE Index, Bethel Test Fishery

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
7/05	3480	2857	3120	6477	7629	5314	3197	3000	3380	4504	3239	2496
7/06	3800	3127	3226	7542	8053	5927	3391	3530	3478	4854	3423	2726
7/07	4107	3352	3395	8496	8278	6414	3471	3917	3802	5340	3695	3145
7/08	4367	3447	3561	9055	8409	6775	3660	4083	4205	5542	3879	3324
7/09	4696	3503	3733	9656	8468	6914	3909	4256	4524	5811	4078	3800
7/10	4846	3558	3800	10604	8609	7011	4219	4502	4716	5843	4275	4233
7/11	4945	3618	3945	11899	8743	7127	4260	4855	4940	6264	4675	4363
7/12	5068	3663	3993	12658	9519	7261	4396	4937	5089	6978	4736	4554
7/13	5165	3706	4061	13135	9656	7389	4637	5193	5385	7245	4889	4599
7/14	5488	3772	4122	13612	9759	7636	4941	5688	5712	7395	5148	
7/15	5758	3838	4175	13830	9887	7976	5135	5977	6087	7769	5317	
7/16	5936	3873	4254	13876	10078	8257	5198	6124	6210	8031	5487	
7/17	6140	3893	4309	14239	10541	8452	5259	6200	6334	8296	5702	
7/18	6187	3973	4364	14640	11098	8728	5355	6538	6482	8637	5858	
7/19	6206	4052	4395	15047	11619	9014	5441	6667	6652	8884	6035	
7/20	6238	4120	4471	15560	12181	9337	5514	6742	6686	9069	6240	
7/21	6274	4207	4599	15901	12549	9613	5696	6895	6836	9200	6347	
7/22	6302	4238	4681	16177	12847	9755	5896	7120	6909	9303	6436	
7/23	6343	4309	4700	16445	13078	9782	6026	7319	7034	9394	6543	
7/24	6384	4416	4703	16598	13118	9876	6174	7490	7172	9418	6576	
7/25	6444	4516	4714	16775	13284	9955	6245	7527	7253	9484	6606	

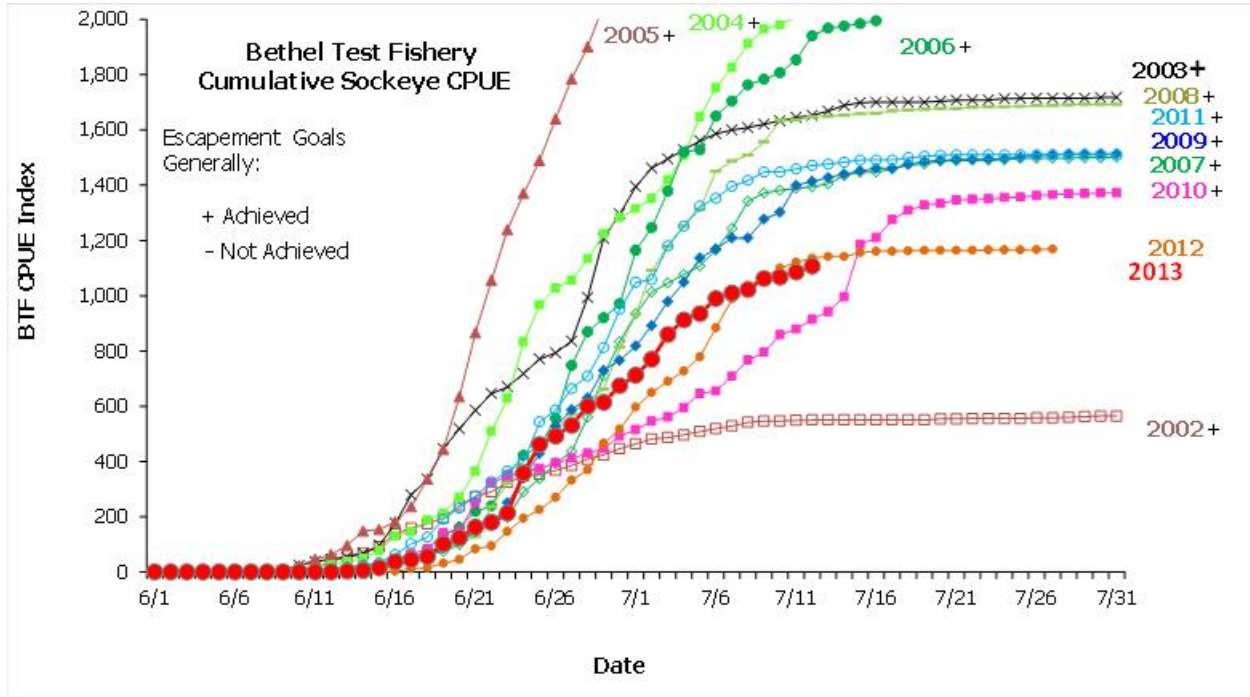




## Sockeye Salmon Cumulative CPUE Index, Bethel Test Fishery

Bethel Test Fishery  
Sockeye Salmon Cumulative CPUE Index

Date	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
7/05	508	1,560	1,647	2,583	1,528	1,107	1,312	1,136	645	1,324	778	935
7/06	518	1,586	1,753	2,655	1,650	1,165	1,450	1,169	655	1,353	884	990
7/07	528	1,600	1,825	2,715	1,704	1,243	1,487	1,209	708	1,396	988	1,009
7/08	542	1,608	1,912	2,773	1,763	1,343	1,509	1,209	766	1,417	1,035	1,023
7/09	546	1,621	1,965	2,816	1,784	1,371	1,557	1,277	795	1,448	1,066	1,062
7/10	546	1,633	1,980	2,845	1,807	1,381	1,634	1,302	858	1,448	1,100	1,067
7/11	548	1,646	2,010	2,860	1,854	1,389	1,636	1,400	879	1,459	1,121	1,085
7/12	550	1,652	2,013	2,870	1,941	1,394	1,647	1,414	914	1,472	1,136	1,107
7/13	550	1,668	2,025	2,880	1,968	1,405	1,650	1,428	942	1,476	1,142	1,117
7/14	550	1,688	2,032	2,890	1,976	1,434	1,653	1,441	995	1,483	1,142	
7/15	550	1,699	2,035	2,896	1,985	1,447	1,658	1,452	1,186	1,491	1,156	
7/16	550	1,700	2,035	2,896	1,995	1,447	1,661	1,461	1,209	1,491	1,161	
7/17	550	1,700	2,039	2,904	2,018	1,459	1,669	1,461	1,275	1,491	1,161	
7/18	550	1,700	2,043	2,912	2,026	1,473	1,672	1,476	1,309	1,499	1,163	
7/19	550	1,700	2,052	2,923	2,031	1,477	1,674	1,485	1,328	1,505	1,164	
7/20	554	1,704	2,059	2,934	2,073	1,488	1,677	1,489	1,333	1,508	1,164	
7/21	554	1,708	2,071	2,937	2,077	1,488	1,677	1,493	1,346	1,510	1,164	
7/22	556	1,708	2,074	2,939	2,089	1,490	1,682	1,493	1,348	1,510	1,164	
7/23	556	1,709	2,079	2,943	2,105	1,490	1,684	1,495	1,350	1,510	1,166	
7/24	556	1,713	2,084	2,943	2,107	1,492	1,684	1,497	1,355	1,510	1,166	
7/25	556	1,715	2,084	2,943	2,109	1,497	1,685	1,502	1,357	1,510	1,166	



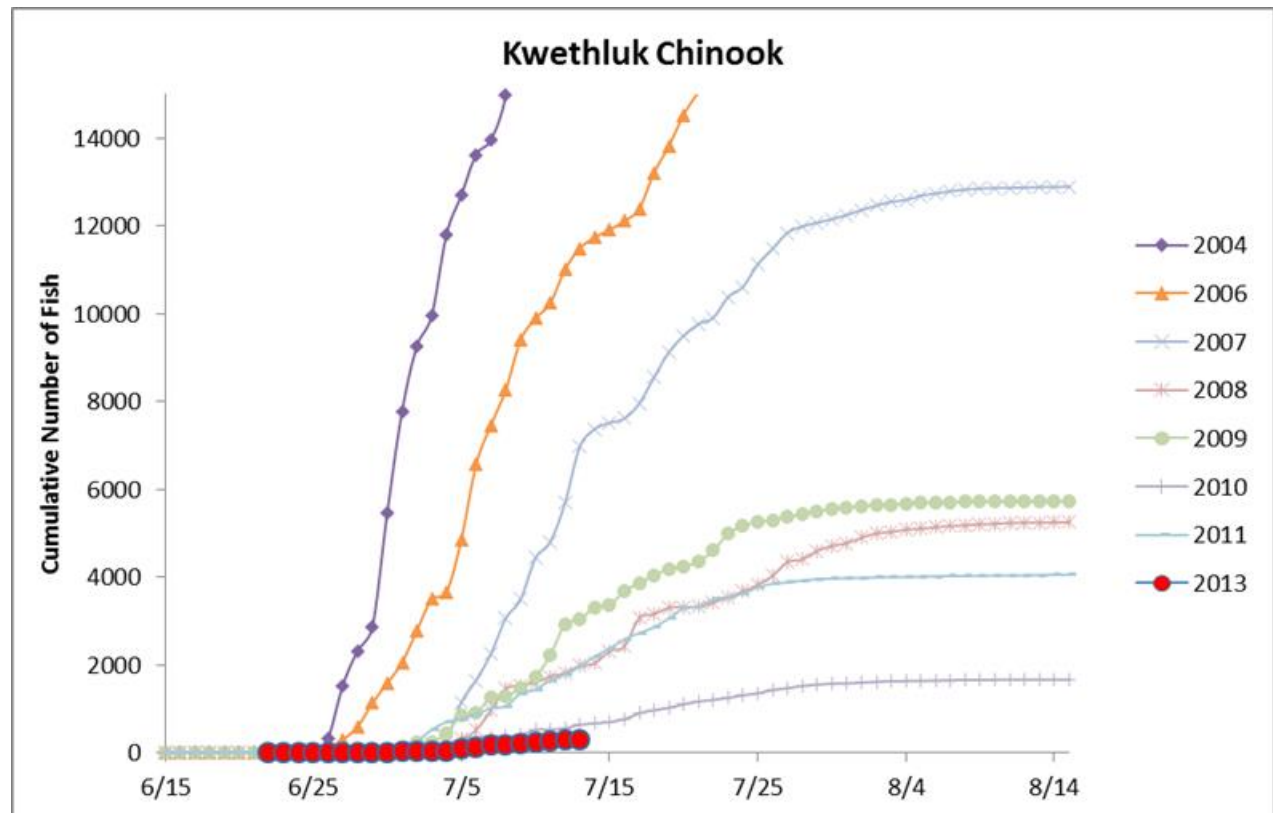
## ESCAPEMENT MONITORING

**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.

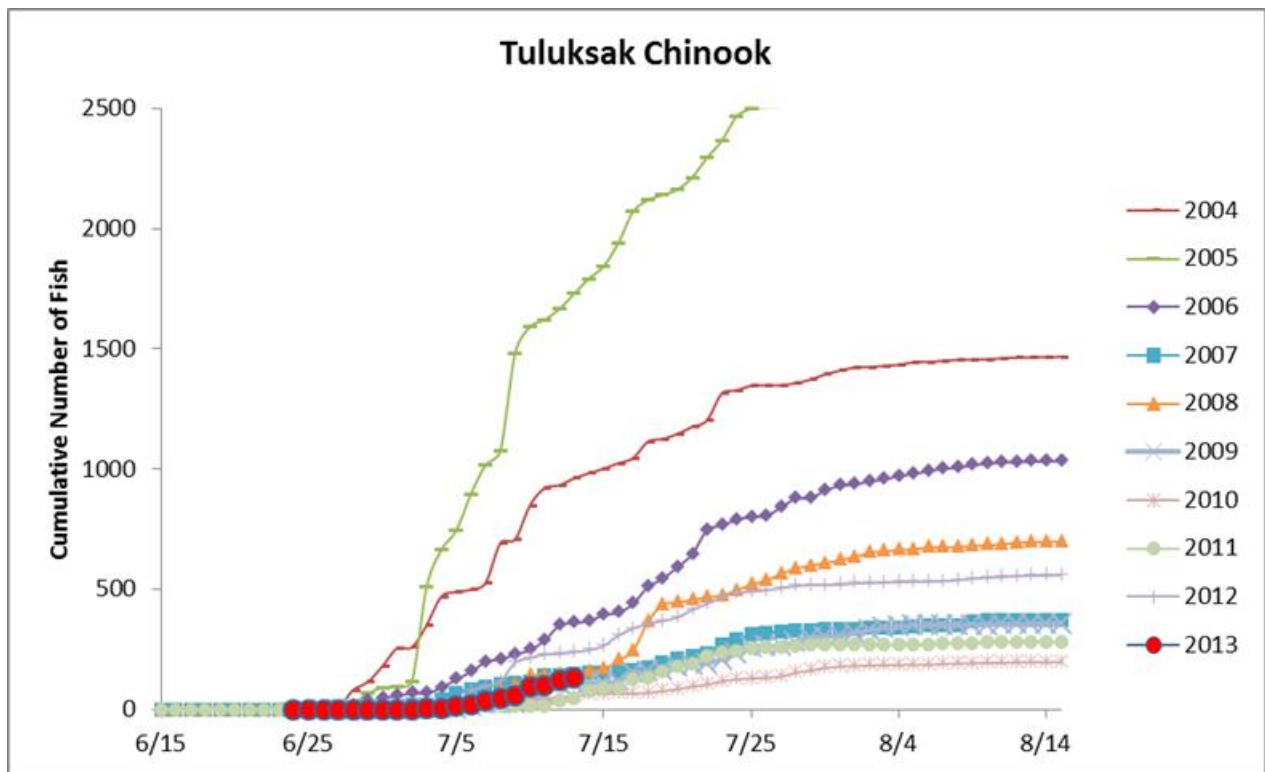
### Chinook Salmon

<b>Kwethluk River weir historical cumulative daily passage of Chinook salmon</b>										
<b>Escapement Goal Range: 4,100 to 7,500</b>										
<b>Cumulative Daily Passage</b>										
<b>Date</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
7/11	20,436		10,242	4,798	1,737	2,217	526	1,652		259
7/12	21,479		11,006	5,695	1,818	2,928	557	1,783		286
7/13	22,122		11,488	6,978	1,980	3,030	638	1,965		287
7/14	22,774		11,738	7,372	2,038	3,315	668	2,192		
7/15	22,935		11,908	7,511	2,310	3,363	699	2,372		
7/16	22,978		12,110	7,612	2,423	3,675	763	2,584		
7/17	23,134		12,385	7,952	3,061	3,871	897	2,725		
<b>Season Total</b>	28,605	n.a.	17,619	12,927	5,276	5,744	1,668	4,079	n.a.	



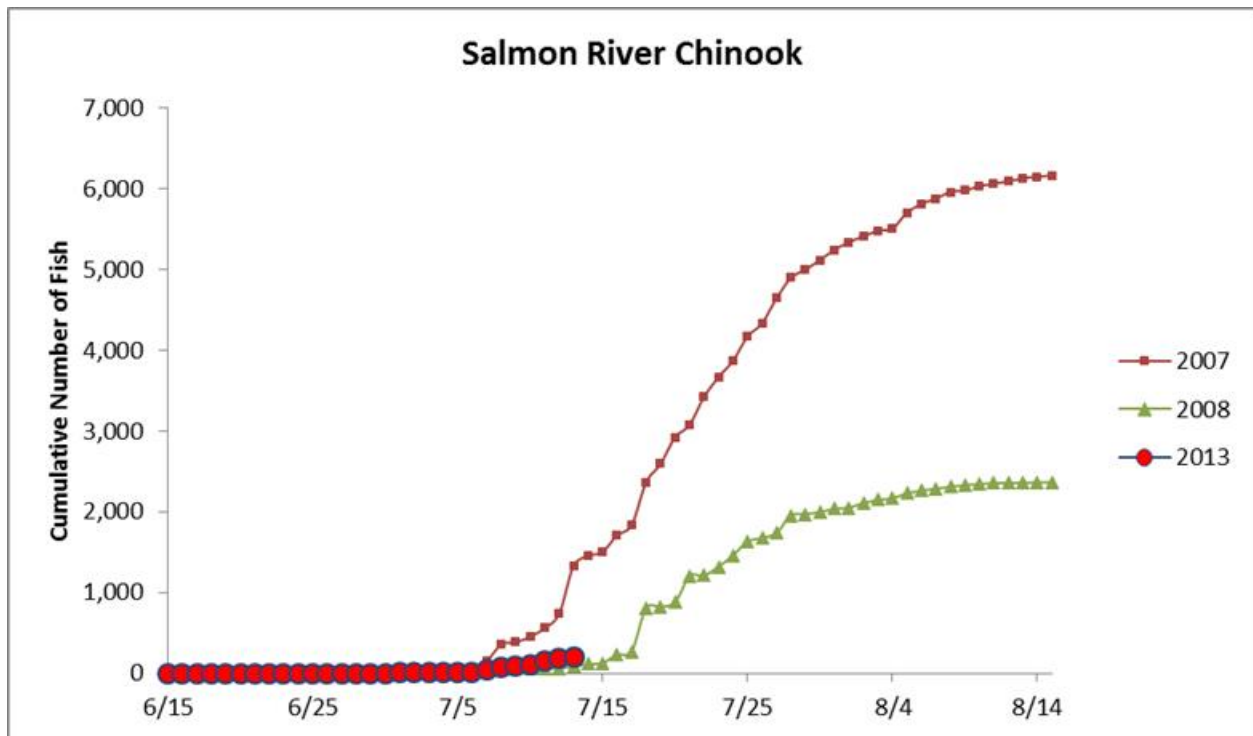
**Chinook Salmon (continued)**

Tuluksak River weir historical cumulative daily passage of Chinook salmon										
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
7/11	921	1,621	287	140	144	64	44	17	229	101
7/12	933	1,667	349	142	149	104	53	35	231	123
7/13	962	1,730	359	146	149	110	53	47	238	132
7/14	983	1,793	368	151	161	110	62	81	247	
7/15	1,002	1,845	393	152	167	113	65	89	265	
7/16	1,025	1,942	403	158	204	117	66	89	308	
7/17	1,046	2,072	440	163	245	152	66	124	337	
<b>Season Total</b>	1,475	2,653	1,043	374	701	362	201	284	560	



**Chinook Salmon (continued)**

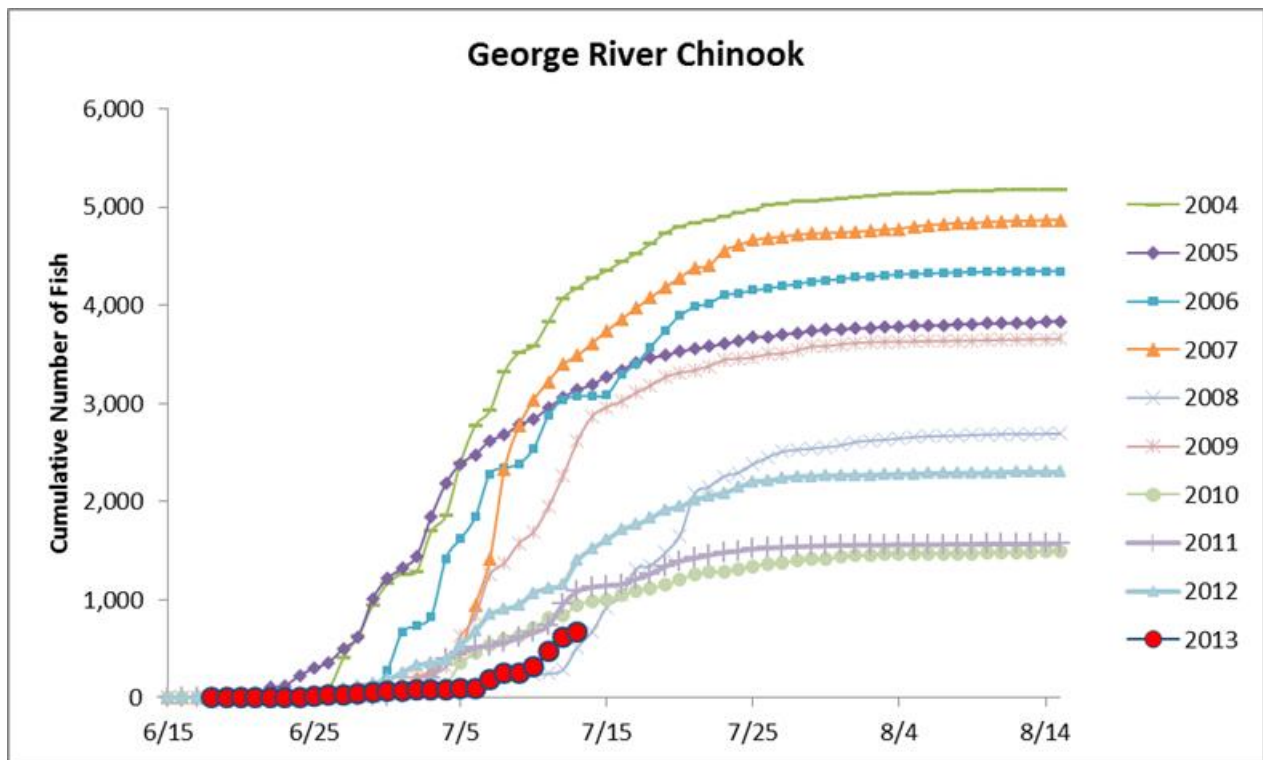
Salmon River weir historical cumulative daily passage of Chinook salmon						
Cumulative Daily Passage						
Date	2006	2007	2008	2009	2012	2013
7/11		558	61			158
7/12		734	63			183
7/13		1,331	85			203
7/14		1,454	114			
7/15		1,504	128			
7/16		1,708	230			
7/17		1,834	269			
<b>Season Total</b>	n.a.	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 3,300				= years when escapement goal achieved or exceeded						
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
7/11	3,829	2,953	2,874	3,220	247	1,945	814	737	1,116	471
7/12	4,069	3,061	3,040	3,396	288	2,262	835	952	1,156	621
7/13	4,177	3,138	3,072	3,486	519	2,620	951	1,086	1,401	674
7/14	4,276	3,190	3,078	3,614	676	2,868	979	1,128	1,520	
7/15	4,351	3,276	3,085	3,737	923	2,963	1,001	1,145	1,610	
7/16	4,440	3,337	3,292	3,856	1,045	3,020	1,048	1,157	1,712	
7/17	4,526	3,420	3,402	3,970	1,312	3,107	1,090	1,210	1,762	
<b>Season Total</b>	5,206	3,845	4,355	4,883	2,698	3,663	1,500	1,571	2,302	

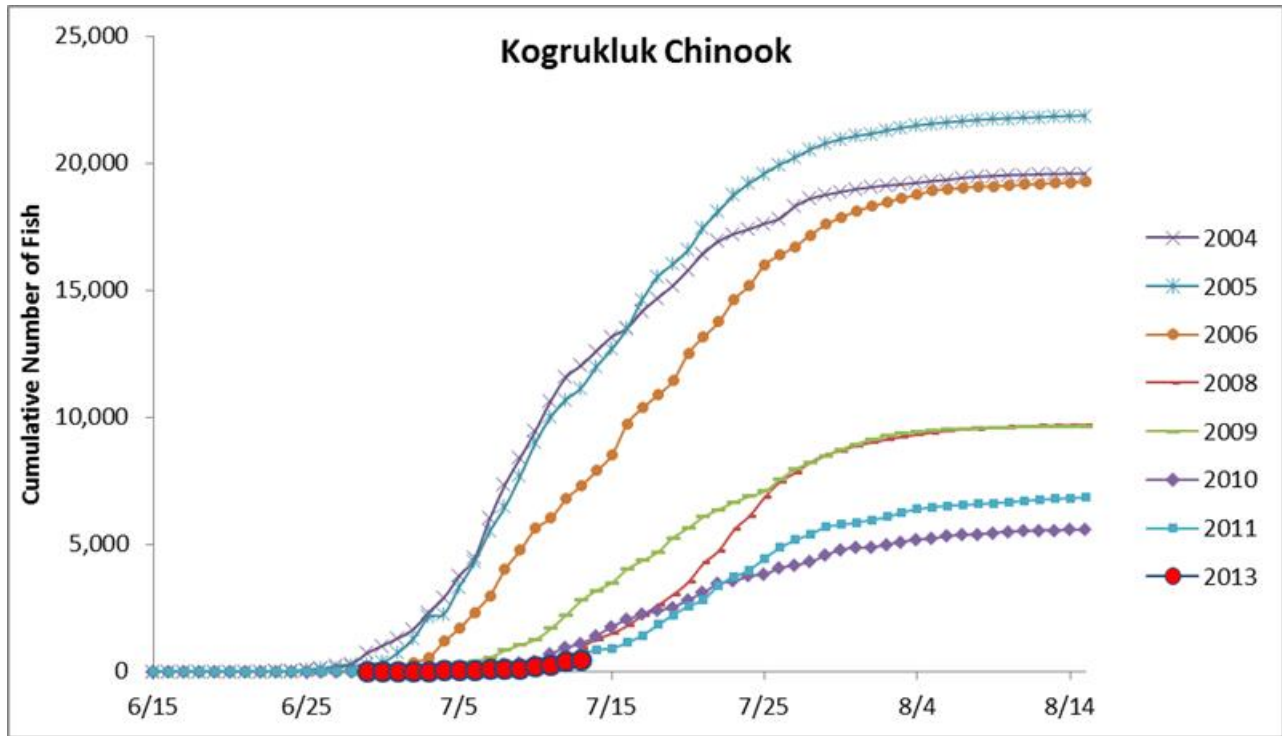
*\*\*George weir: Partial day counts due to high water and a partially submerged weir from June 7<sup>th</sup> – 17<sup>th</sup>*



**Chinook Salmon (continued)**

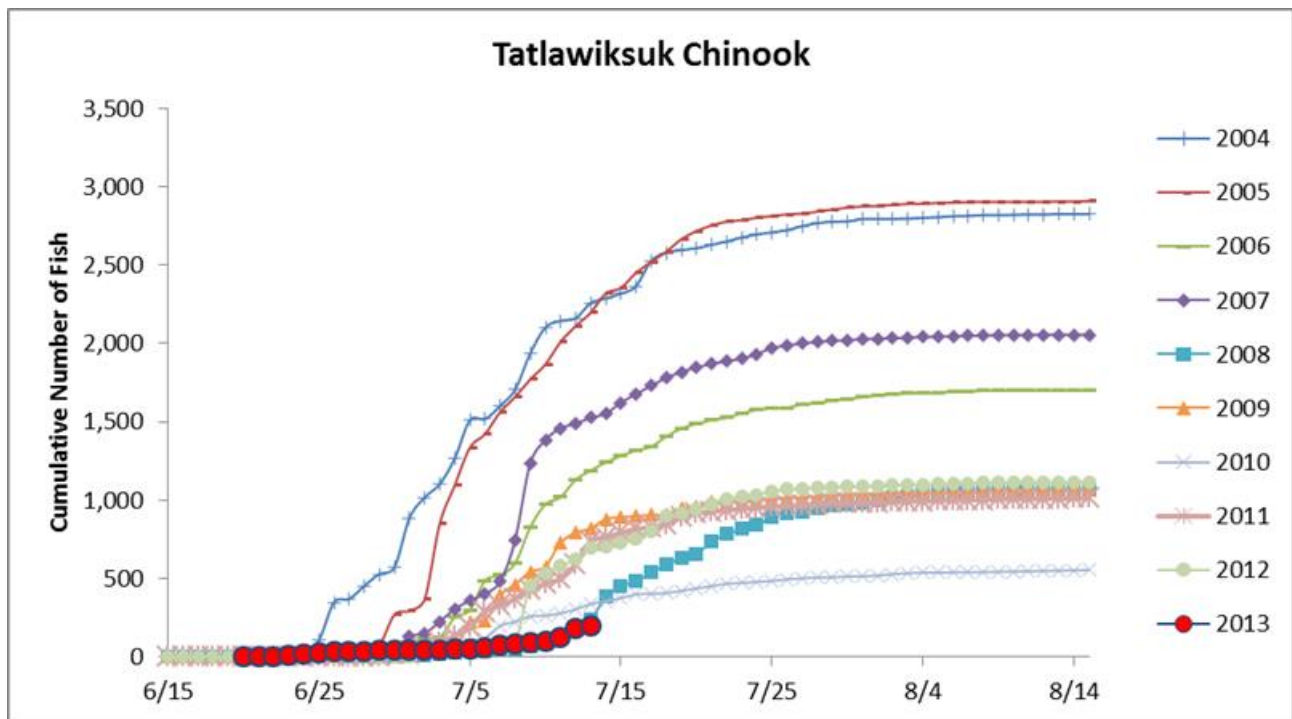
Kogrukluk River weir historical cumulative daily passage of Chinook salmon										
Escapement Goal Range: 4,800 to 8,800				= years when escapement goal achieved or exceeded						
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
7/11	10,651	10,013	6,025		167	1,676	682	456		257
7/12	11,578	10,687	6,784		191	2,209	944	585		368
7/13	12,045	11,165	7,301		901	2,784	1,088	700		438
7/14	12,617	11,999	7,887		1,265	3,176	1,402	844		
7/15	13,167	12,685	8,516		1,485	3,484	1,762	902		
7/16	13,509	13,514	9,749		1,788	4,019	2,034	1,127		
7/17	14,180	14,650	10,360		2,208	4,353	2,250	1,415		
<b>Season Total</b>	19,651	21,999	19,414	n.a.	9,730	9,701	5,693	6,890	n.a.	

**\*\*Kogrukluk weir: Partial day counts due to high water on July 7<sup>th</sup> and 9<sup>th</sup>. No counts or estimates on July 8<sup>th</sup>.**



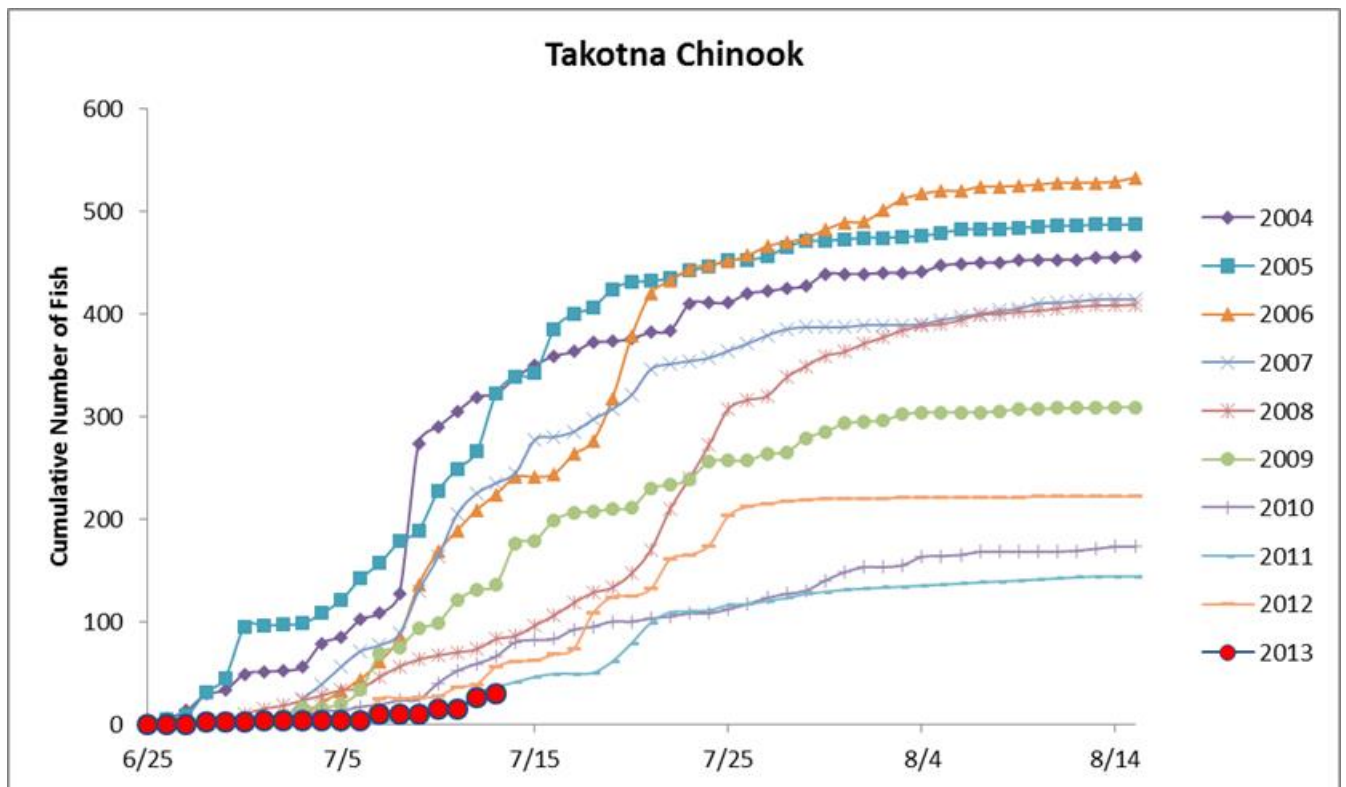
**Chinook Salmon (continued)**

Tatlawiksuk River weir historical cumulative daily passage of Chinook salmon										
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
7/11	2,145	2,010	1,019	1,459	120	728	278	497	580	123
7/12	2,161	2,111	1,130	1,489	184	792	302	591	622	179
7/13	2,259	2,197	1,189	1,526	235	820	337	735	697	195
7/14	2,288	2,320	1,241	1,553	385	879	355	764	708	
7/15	2,319	2,355	1,282	1,623	452	891	374	790	728	
7/16	2,366	2,451	1,318	1,678	480	899	399	816	755	
7/17	2,527	2,521	1,341	1,730	537	905	403	826	800	
<b>Season Total</b>	2,833	2,918	1,700	2,061	1,071	1,071	569	1,014	1,116	



**Chinook Salmon (continued)**

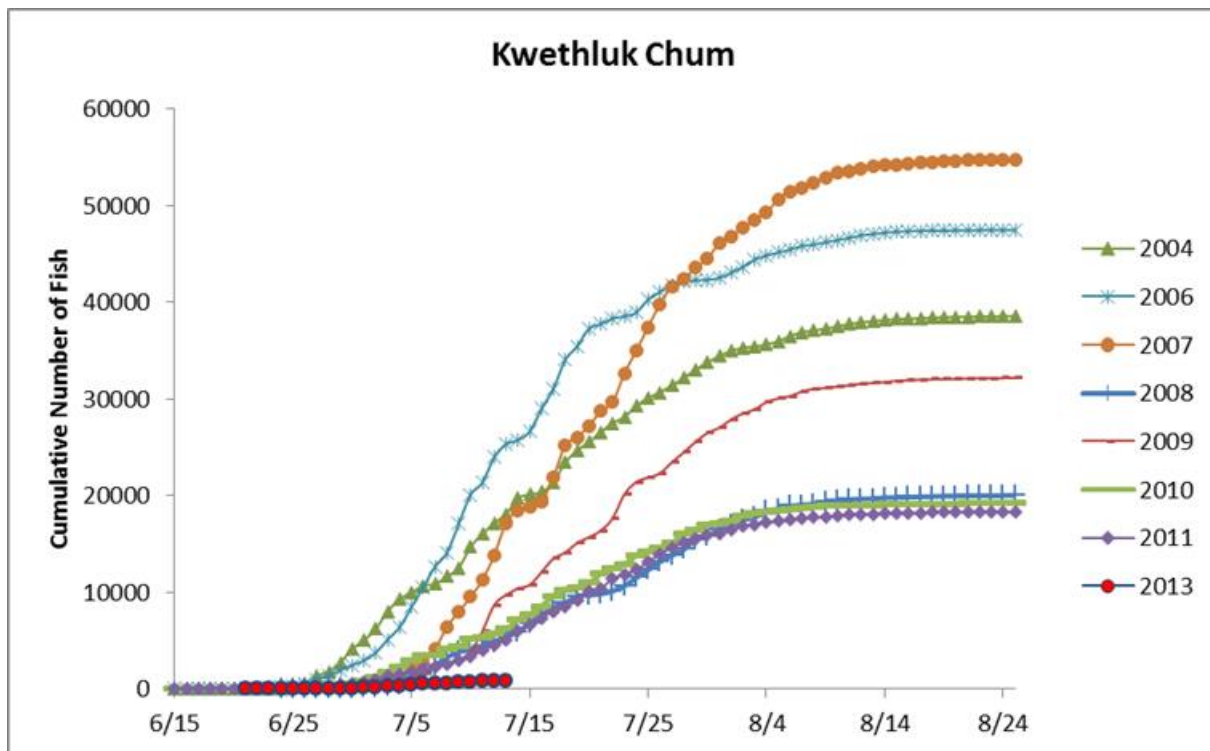
Takotna River weir historical cumulative daily passage of Chinook salmon										
Date	Cumulative Daily Passage									
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
7/11	305	249	189	205	70	121	52	16	36	15
7/12	319	266	209	225	73	131	59	30	39	26
7/13	322	322	224	235	83	136	66	36	56	30
7/14	338	339	241	245	86	176	80	41	61	
7/15	350	342	241	277	96	179	82	46	62	
7/16	359	385	244	280	106	199	83	49	68	
7/17	363	400	263	285	118	206	92	49	73	
<b>Season Total</b>	461	499	541	418	413	311	178	148	228	





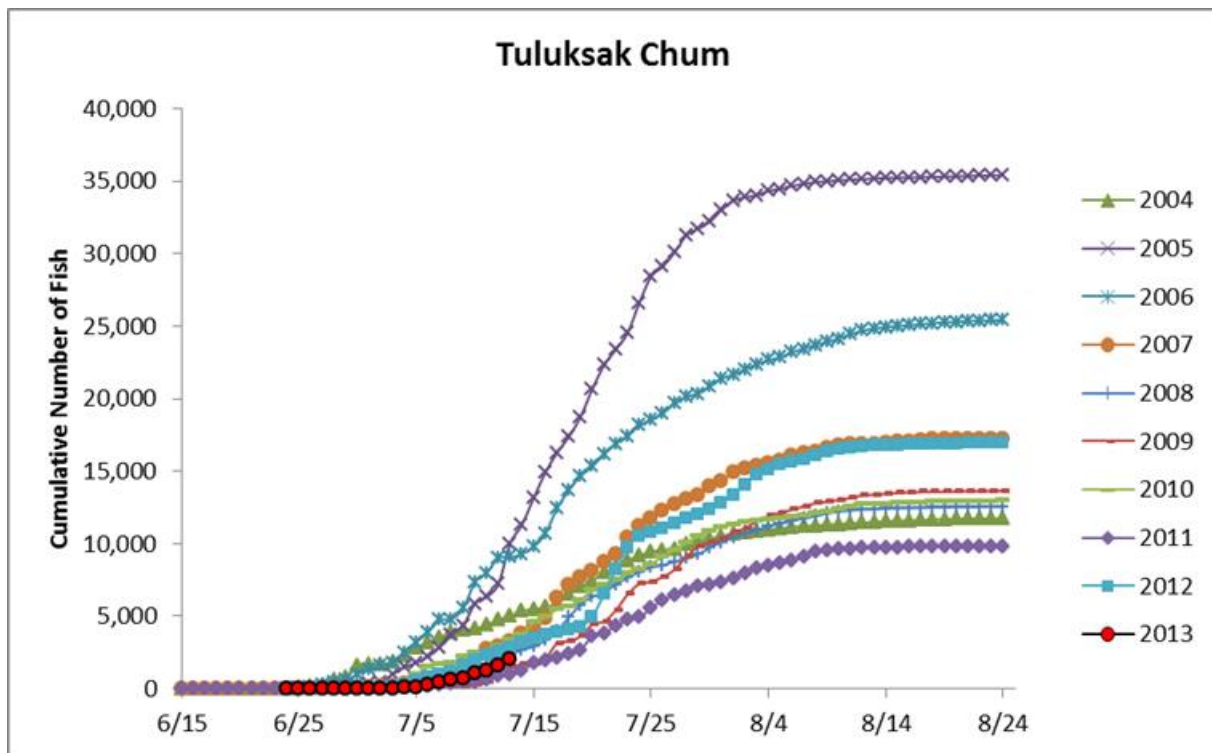
## Chum Salmon

Kwethluk River weir historical cumulative daily passage of chum salmon										
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
7/11	16,002		21,339	11,274	4,441	5,965	5,275	3,974		750
7/12	17,151		23,940	13,820	4,847	8,663	5,666	4,505		852
7/13	18,089		25,299	17,157	5,457	9,708	6,208	5,062		859
7/14	19,692		25,719	18,431	5,906	10,375	7,120	5,972		
7/15	20,102		26,606	18,799	6,791	10,743	7,723	6,594		
7/16	20,343		28,951	19,402	7,647	12,070	8,554	7,361		
7/17	21,362		31,045	21,883	8,426	13,457	9,606	8,013		
<b>Season Total</b>	38,646	n.a.	47,491	54,913	20,030	32,191	19,235	18,329	n.a.	



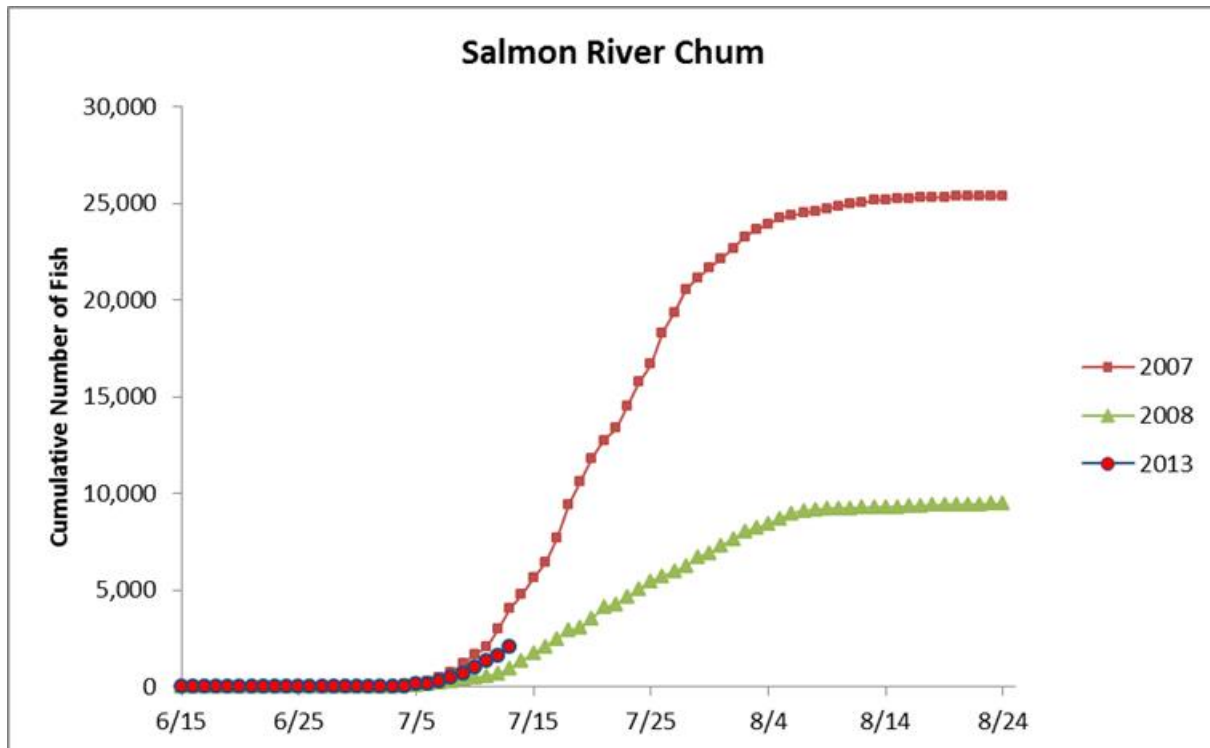
**Chum Salmon (continued)**

Tuluksak River weir historical cumulative daily passage of chum salmon										
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
7/11	4,425	6,324	7,974	2,748	1,710	460	2,607	594	2,327	1,263
7/12	4,764	7,206	9,021	2,889	2,097	1,343	2,939	857	2,557	1,633
7/13	5,007	10,003	9,061	3,302	2,334	1,524	3,364	1,013	2,810	2,023
7/14	5,356	11,302	9,293	3,806	2,678	1,677	3,706	1,256	3,191	
7/15	5,510	13,140	9,786	4,255	2,911	1,716	4,574	1,762	3,449	
7/16	5,624	14,901	10,712	4,906	3,333	2,094	4,948	1,929	3,734	
7/17	5,894	16,282	12,436	6,302	3,984	3,127	5,481	2,172	3,901	
<b>Season Total</b>	11,796	35,696	25,652	17,286	12,550	13,671	13,042	9,828	16,981	



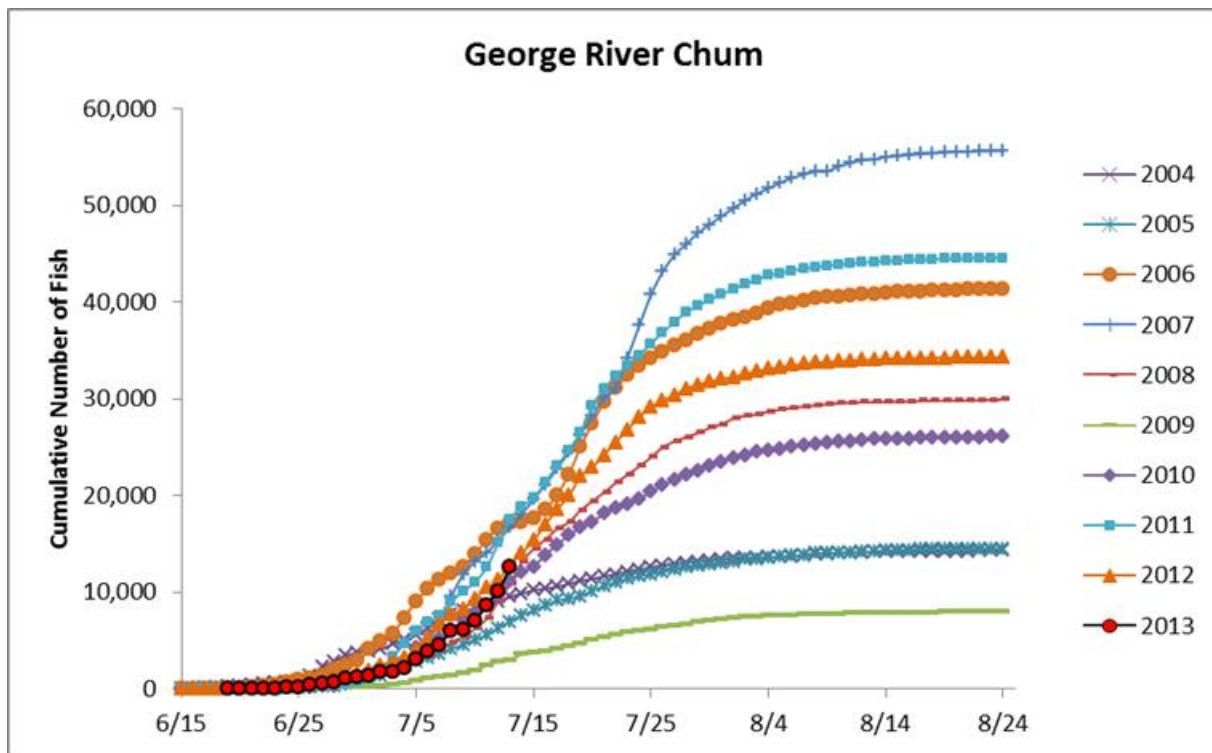
**Chum Salmon (continued)**

Salmon River weir historical cumulative daily passage of chum salmon						
Cumulative Daily Passage						
Date	2006	2007	2008	2009	2012	2013
7/11		2,082	547			1,309
7/12		2,981	697			1,618
7/13		4,017	956			2,062
7/14		4,751	1,346			
7/15		5,629	1,729			
7/16		6,430	2,087			
7/17		7,712	2,479			
<b>Season Total</b>	n.a.	25,379	9,459	n.a.	n.a.	



**Chum Salmon (continued)**

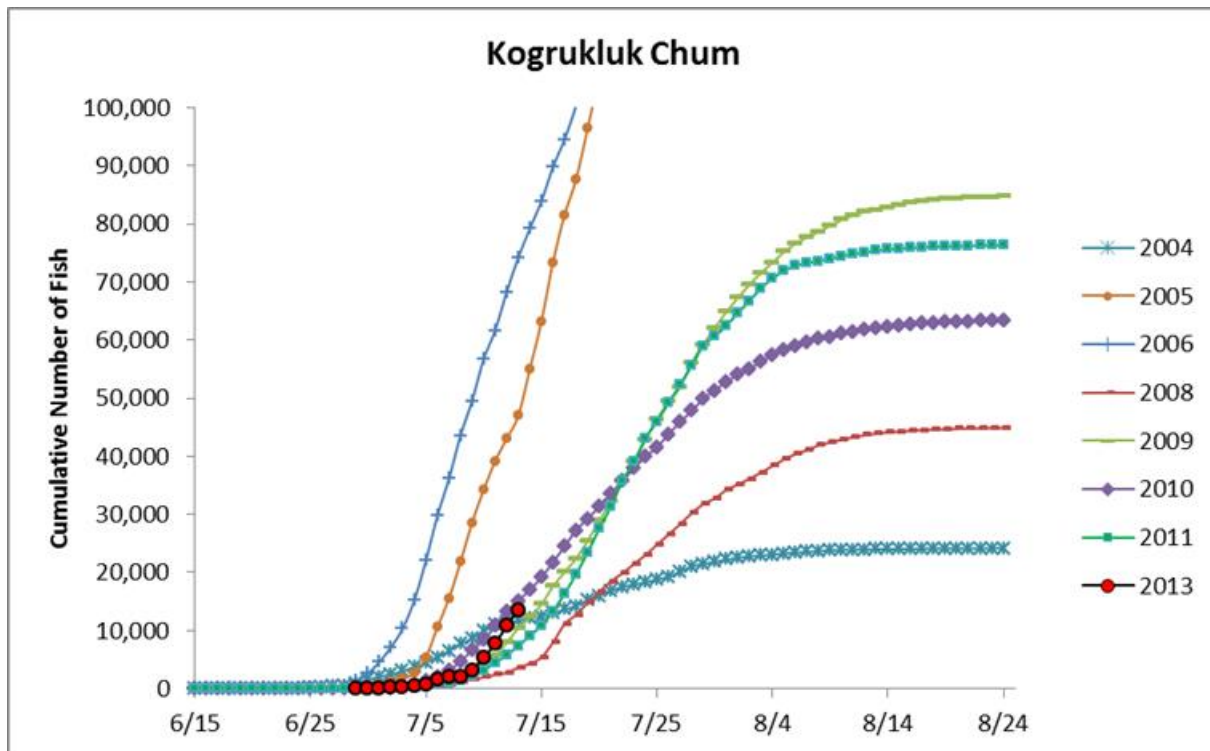
George River weir historical cumulative daily passage of chum salmon										
Date	Cumulative Daily Passage									
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
7/11	8,804	5,535	15,426	14,061	7,258	2,407	8,638	12,540	10,418	8,675
7/12	9,076	6,290	16,624	15,324	9,085	2,772	9,645	15,046	11,284	10,130
7/13	9,488	6,887	17,072	16,690	10,849	2,995	11,146	17,501	12,775	12,549
7/14	9,869	7,620	17,247	18,086	13,114	3,528	12,005	18,859	14,094	
7/15	10,167	8,098	17,565	19,563	14,472	3,679	12,645	19,744	15,326	
7/16	10,349	8,599	18,529	21,122	15,427	3,918	13,843	21,340	17,014	
7/17	10,543	9,096	20,038	22,762	16,528	4,138	14,884	23,100	18,564	
<b>Season Total</b>	14,408	14,828	41,467	55,843	29,979	7,941	26,154	44,641	34,336	



**Chum Salmon (continued)**

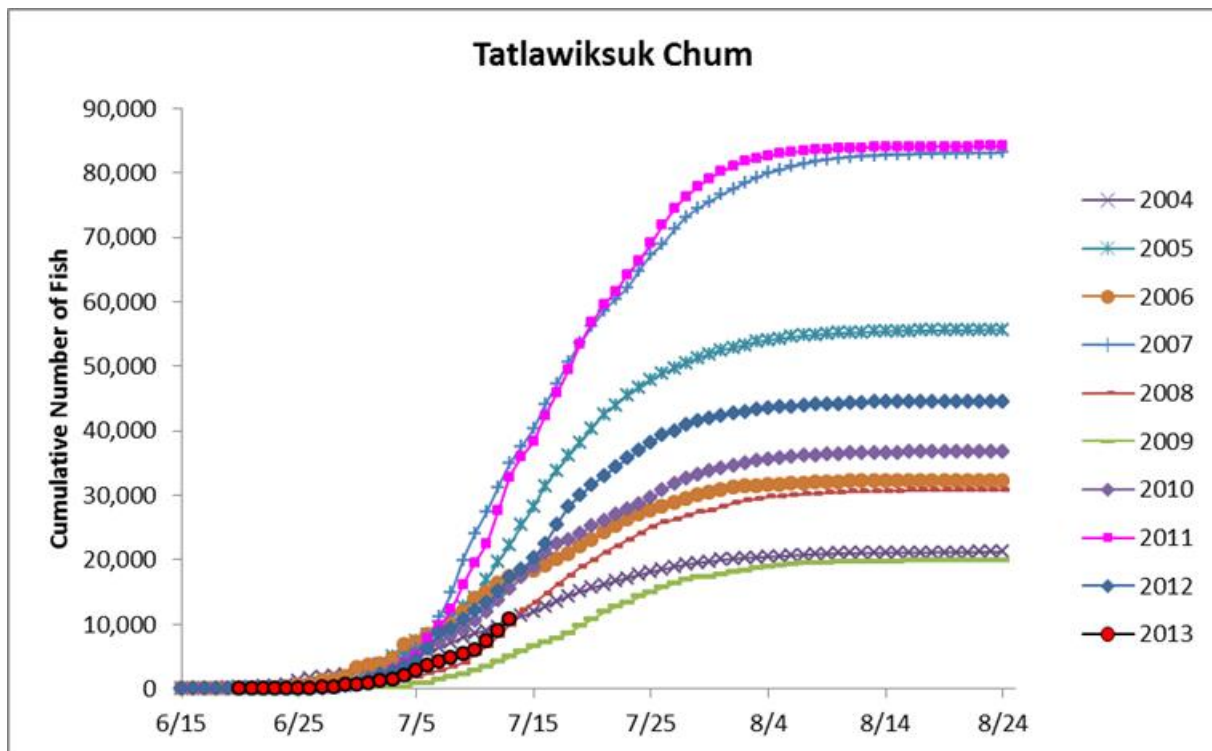
Kogrukluk River weir historical cumulative daily passage of chum salmon										
Escapement Goal Range: 15,000 to 49,000							= years when escapement goal achieved or exceeded			
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
7/11	10,993	39,185	61,702	8,133	2,387	5,735	10,766	4,423		7,821
7/12	11,443	43,065	68,316	9,946	2,759	7,922	13,236	5,774		10,804
7/13	11,664	46,999	74,210	11,908	3,635	10,406	15,143	7,329		13,571
7/14	12,062	55,056	79,238	14,019	4,299	12,286	17,024	9,130		
7/15	12,484	63,201	83,891	16,279	5,377	14,492	19,144	10,848		
7/16	12,984	73,375	89,782	18,688	7,930	17,607	21,743	13,322		
7/17	13,614	81,502	94,544	21,246	11,116	20,047	24,469	16,357		
Season Total	24,201	197,723	180,601	49,509	44,978	84,940	63,582	76,386	n.a.	

**\*\*Kogrukluk weir: Partial day counts due to high water on July 7<sup>th</sup> and 9<sup>th</sup>. No counts or estimates on July 8<sup>th</sup>.**



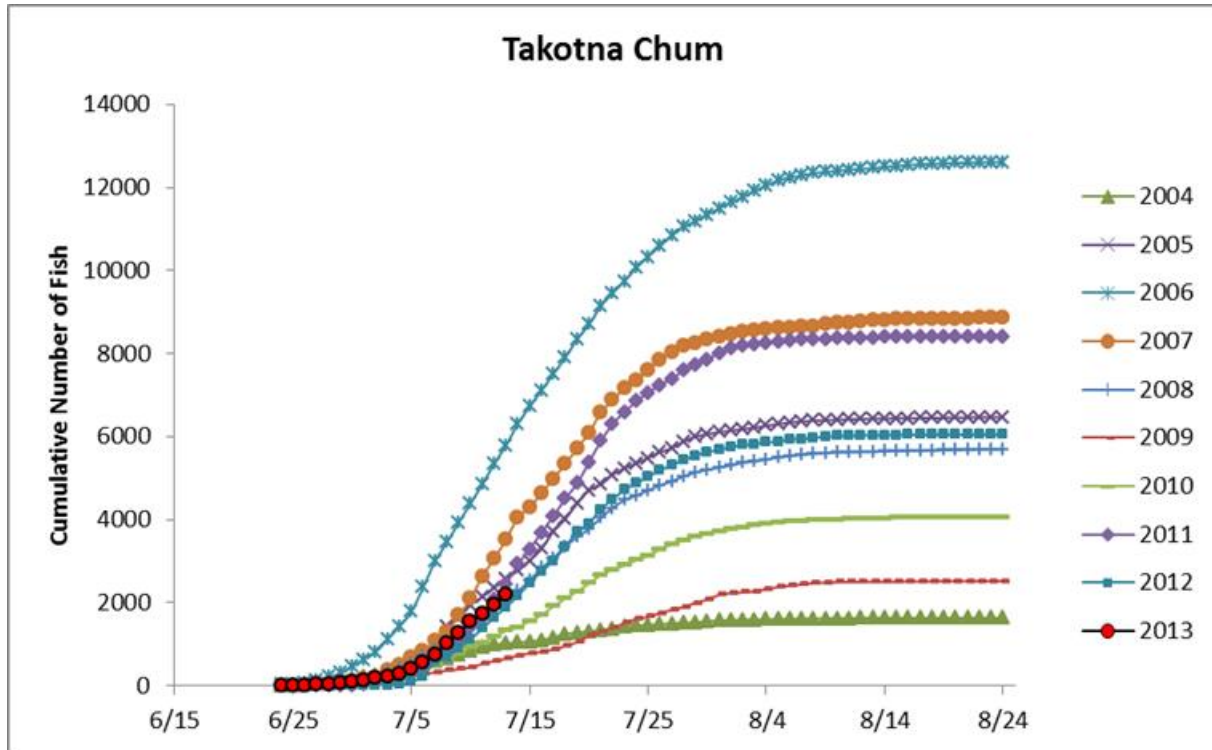
**Chum Salmon (continued)**

Tatlawiksuk River weir historical cumulative daily passage of chum salmon										
Date	Cumulative Daily Passage									
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
7/11	9,037	16,951	14,847	27,384	6,566	3,478	11,903	22,549	13,353	7,328
7/12	9,539	19,726	16,212	31,300	8,169	4,176	13,735	27,627	15,028	9,004
7/13	10,506	22,336	17,215	34,932	9,977	4,899	15,534	32,885	17,278	10,763
7/14	11,265	25,431	17,719	37,592	12,079	5,802	17,255	36,009	18,462	
7/15	11,907	28,211	18,210	40,347	13,290	6,497	18,880	38,375	20,360	
7/16	12,736	31,494	19,139	44,078	14,678	7,269	20,996	42,428	22,527	
7/17	13,599	33,864	20,118	47,310	16,170	7,868	22,486	45,883	25,516	
<b>Season Total</b>	21,245	55,723	32,303	83,246	30,896	19,975	36,702	84,204	44,572	



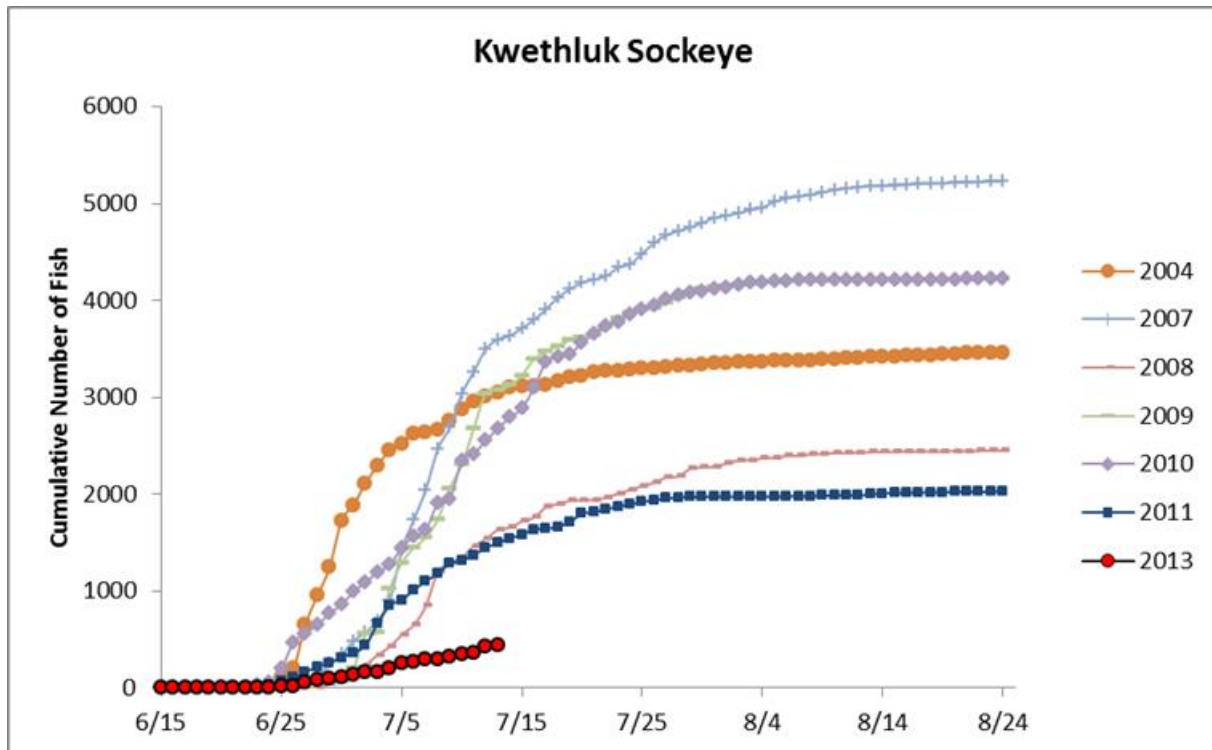
**Chum Salmon (continued)**

Takotna River weir historical cumulative daily passage of chum salmon										
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
7/11	918	2,138	4,860	2,636	1,568	521	1,020	1,641	1,380	1,745
7/12	991	2,361	5,348	3,057	1,847	598	1,190	2,072	1,643	1,961
7/13	1,014	2,581	5,796	3,528	2,057	645	1,322	2,446	1,901	2,183
7/14	1,047	2,770	6,313	4,042	2,278	724	1,409	2,927	2,166	
7/15	1,069	3,011	6,726	4,297	2,544	779	1,560	3,290	2,481	
7/16	1,100	3,302	7,118	4,643	2,833	816	1,698	3,692	2,751	
7/17	1,157	3,716	7,510	4,990	3,075	872	1,913	4,084	3,014	
<b>Season Total</b>	1,633	6,488	12,652	8,874	5,704	2,528	4,057	8,413	6,050	



## Sockeye Salmon

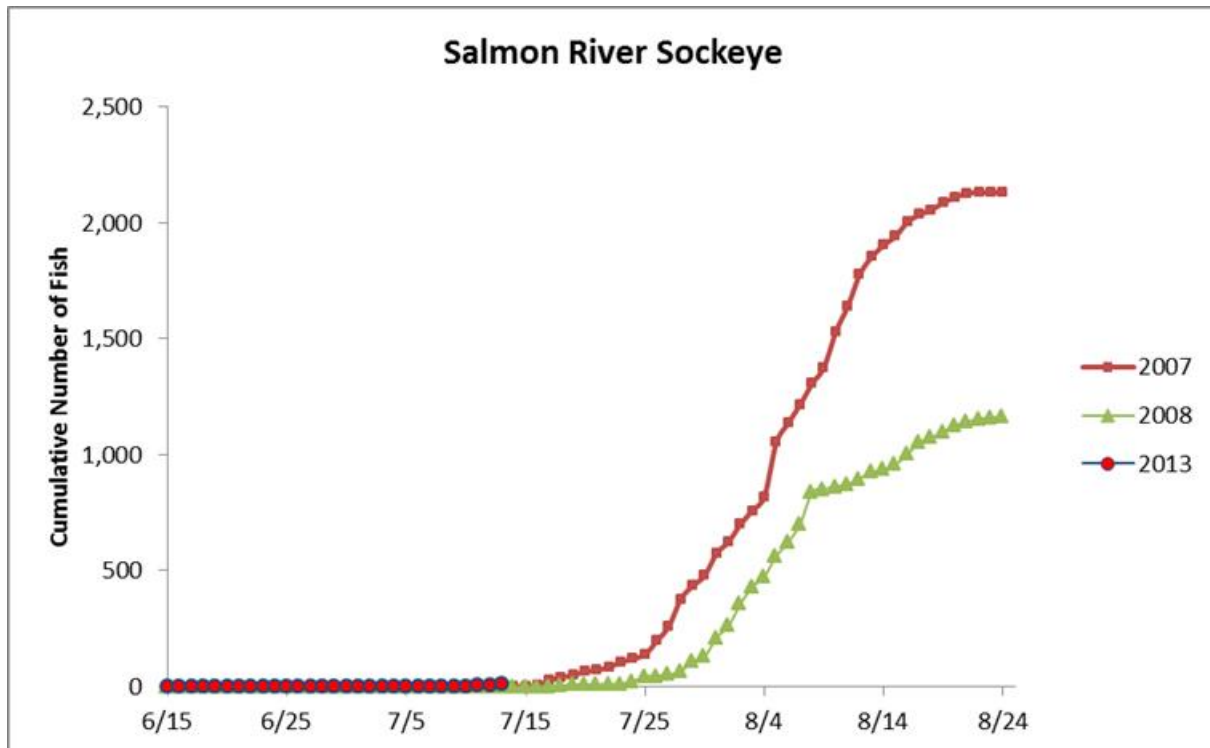
Kwethluk River weir historical cumulative daily passage of sockeye salmon										
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
7/11	2,956		5,027	3,265	1,464	2,682	2,416	1,372		354
7/12	3,005		5,176	3,495	1,535	3,039	2,554	1,445		422
7/13	3,043		5,267	3,595	1,632	3,069	2,677	1,499		433
7/14	3,101		5,337	3,634	1,651	3,120	2,793	1,541		
7/15	3,111		5,433	3,713	1,718	3,225	2,884	1,582		
7/16	3,119		5,542	3,798	1,758	3,395	3,099	1,633		
7/17	3,130		5,629	3,908	1,864	3,467	3,363	1,641		
<b>Season Total</b>	3,490	n.a.	6,733	5,262	2,451	4,230	4,239	2,031	n.a.	





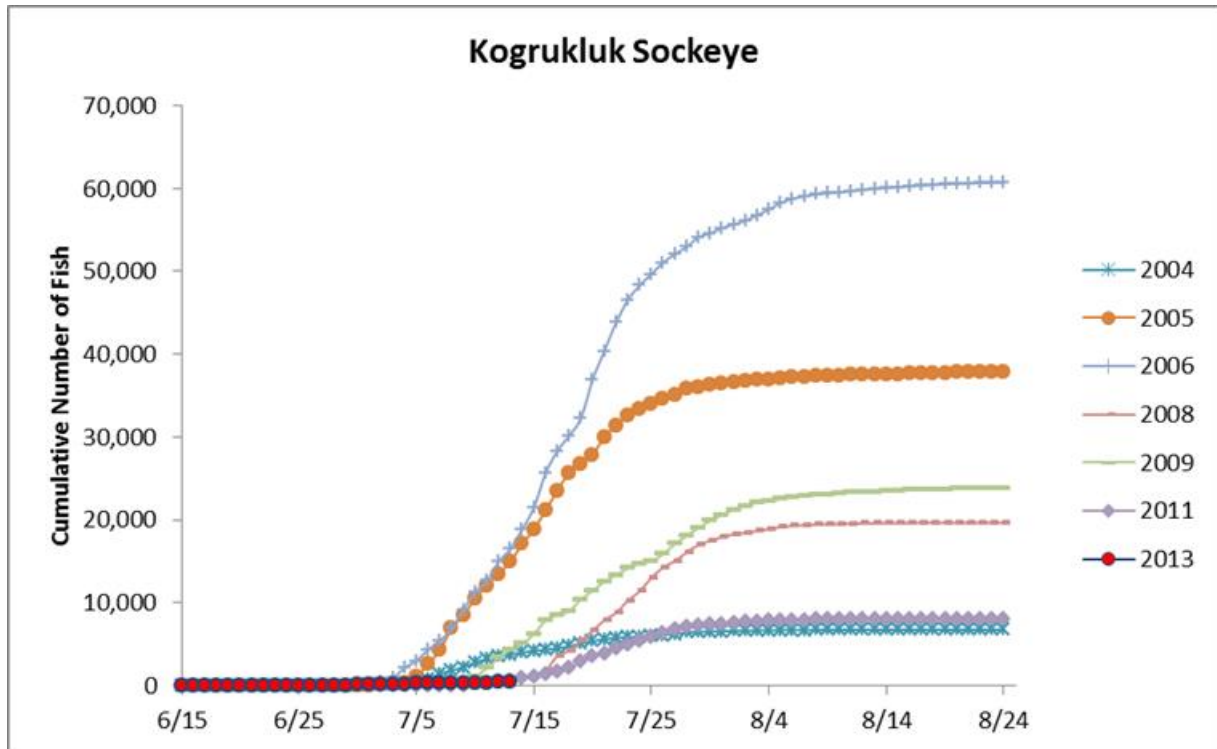
**Sockeye Salmon (continued)**

Salmon River weir historical cumulative daily passage of sockeye salmon						
Cumulative Daily Passage						
Date	2006	2007	2008	2009	2012	2013
7/11		0	0		0	5
7/12		0	0		0	7
7/13		0	0		0	10
7/14		2	0		0	
7/15		2	0		0	
7/16		5	0		0	
7/17		28	2		0	
<b>Season Total</b>	n.a.	2,130	1,181	n.a.	942	



**Sockeye Salmon (continued)**

Kogrukluk 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
7/11	3,250	12,076	12,646	781	137	2,116	739	356		814
7/12	3,612	13,534	14,965	1,150	177	3,381	986	519		1,279
7/13	3,798	14,956	16,496	1,617	576	4,330	1,115	701		1,859
7/14	4,018	17,115	18,884	2,181	1,009	5,040	1,352	959		
7/15	4,225	18,908	21,504	2,843	1,300	6,241	1,686	1,102		
7/16	4,350	21,155	25,641	3,602	1,822	7,852	2,046	1,389		
7/17	4,561	23,576	28,331	4,459	3,605	8,523	2,348	1,655		
<b>Season Total</b>	6,775	37,939	60,807	16,526	19,675	23,785	13,997	8,135	n.a.	



**Sockeye Salmon (continued)**

Telaquana River weir historical cumulative daily passage of sockeye salmon				
Cumulative Daily Passage				
Date	2010	2011	2012	2013
7/11	5,983	3,340	0	9,584
7/12	7,239	6,319	3	11,918
7/13	7,677	8,358	197	13,466
7/14	8,318	10,887	600	
7/15	8,762	13,620	1,072	
7/16	9,187	15,467	3,054	
7/17	9,958	17,758	4,636	
<b>Season Total</b>	<b>72,020</b>	<b>35,105</b>	<b>22,994</b>	<b>13,466</b>

