

Kuskokwim River Salmon Management Working Group

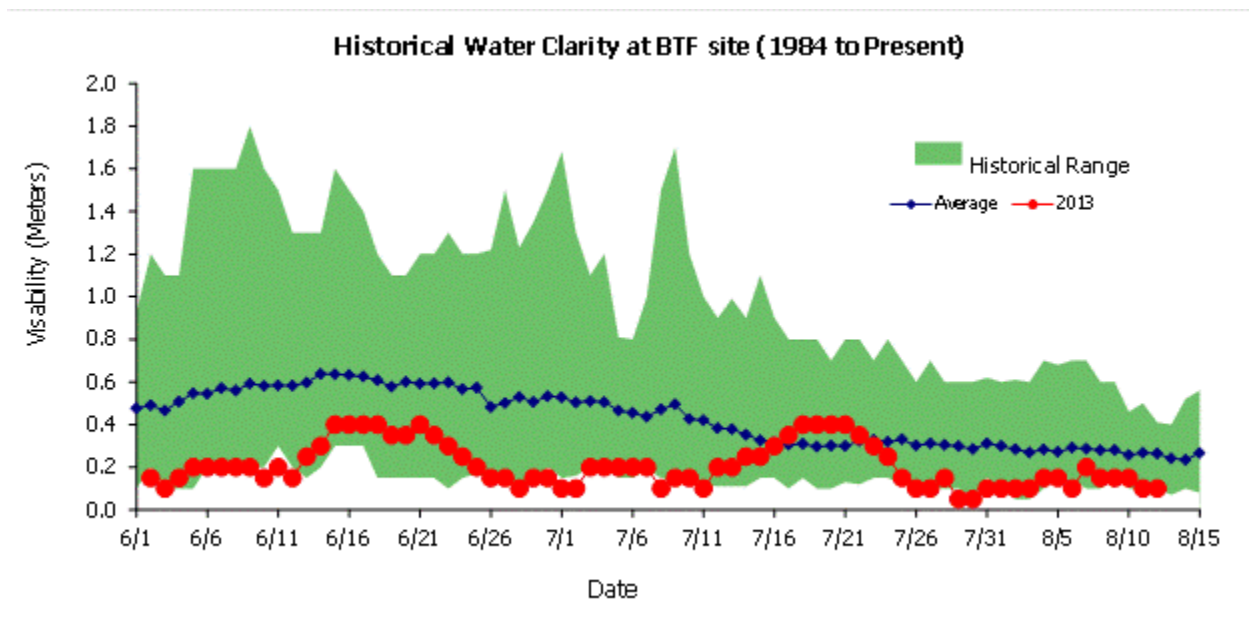
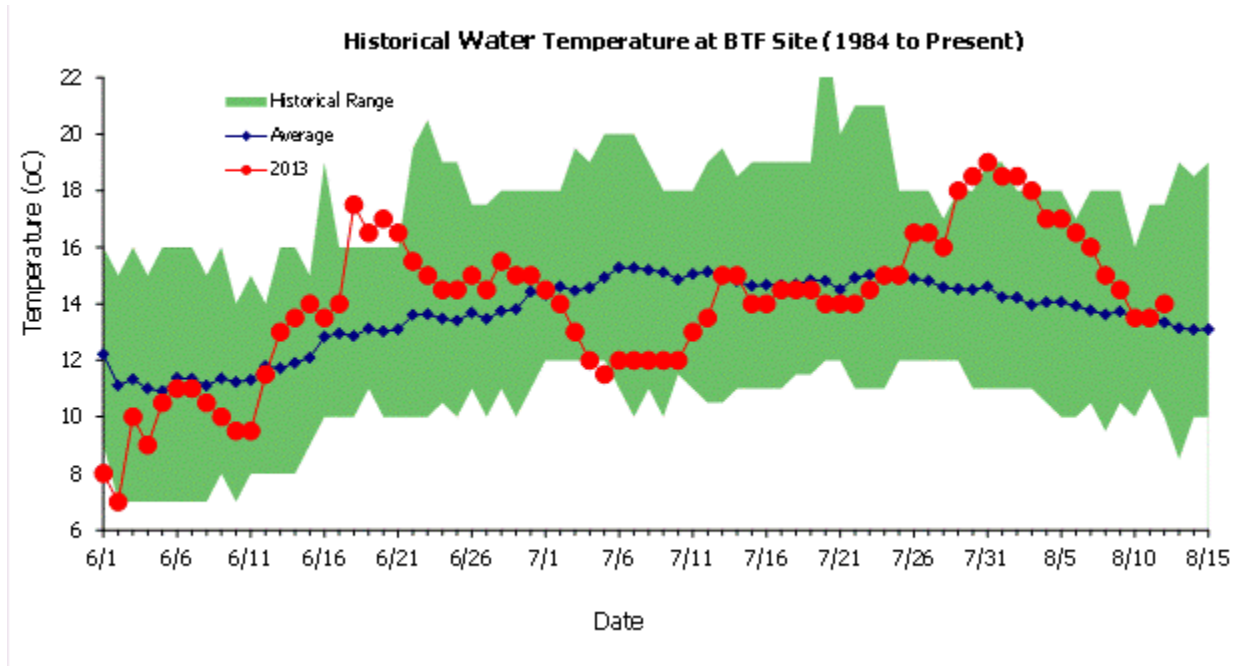
1 (800) 315-6338 (MEET) Code: 58756# (KUSKO)

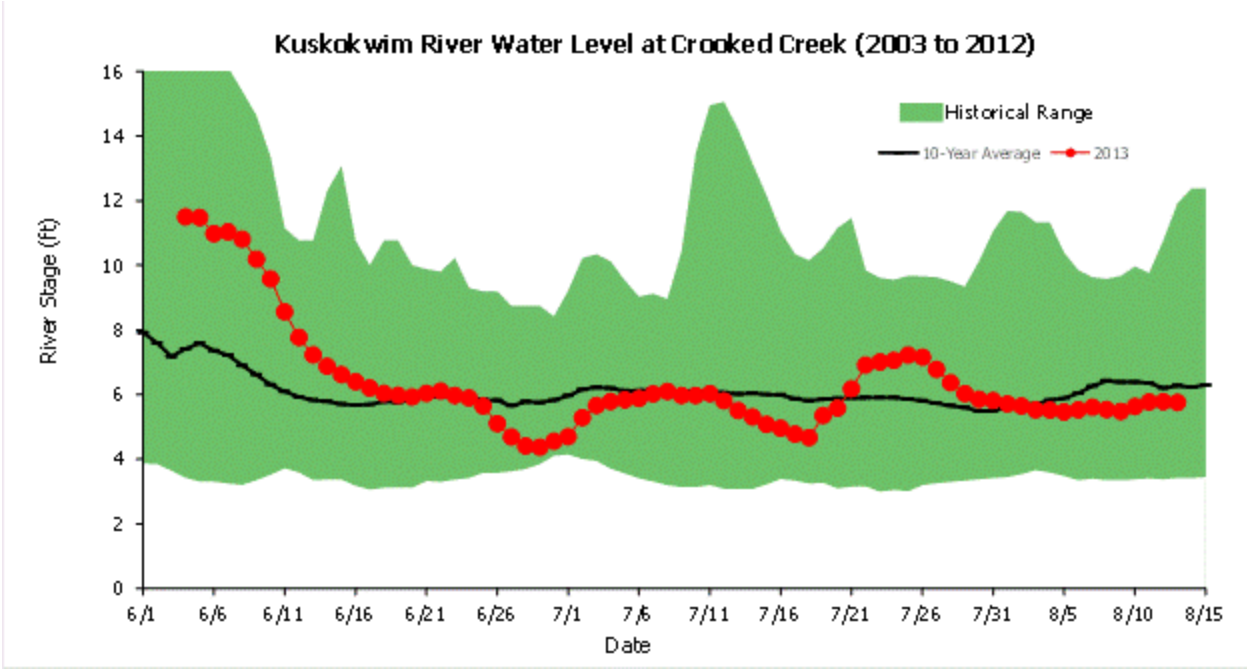
ADF&G Bethel toll free: 1 (855) 933-2433

Information Packet

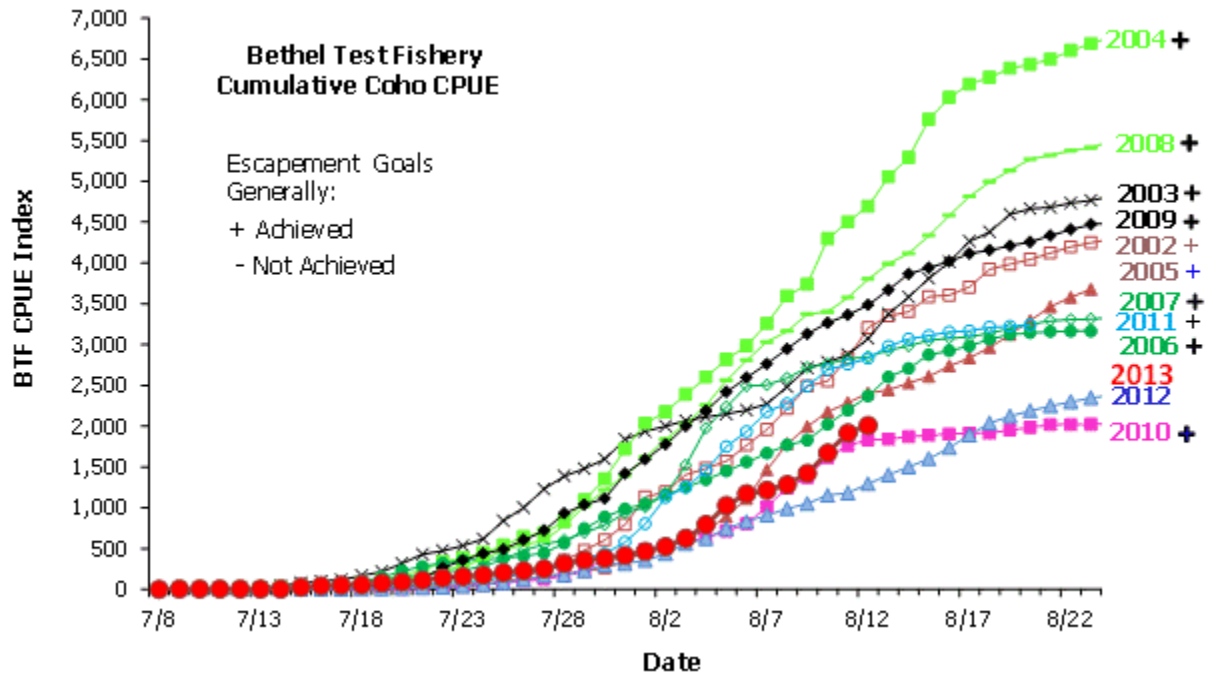
August 13, 2013

OVERVIEW OF KUSKOKWIM RIVER SALMON RUN ASSSSMENT PROJECTS





Coho Salmon Cumulative CPUE Index, Bethel Test Fishery



Bethel Test Fishery Coho Salmon Cumulative CPUE Index												
	2002 +	2003 +	2004 +	2005 +	2006 +	2007 +	2008 +	2009 +	2010 +	2011 +	2012	2013
8/6	1,768	2,197	2,982	1,112	1,560	2,491	2,806	2,595	804	1,932	830	1,171
8/7	1,959	2,272	3,255	1,466	1,668	2,506	3,032	2,762	1,011	2,177	907	1,215
8/8	2,215	2,483	3,594	1,783	1,767	2,590	3,163	2,946	1,242	2,276	988	1,284
8/9	2,489	2,711	3,740	1,994	1,827	2,719	3,373	3,132	1,371	2,489	1,051	1,423
8/10	2,553	2,782	4,294	2,174	2,019	2,762	3,402	3,266	1,616	2,691	1,153	1,672
8/11	2,831	2,877	4,505	2,286	2,193	2,821	3,573	3,363	1,762	2,758	1,181	1,916
8/12	3,207	3,074	4,694	2,406	2,369	2,850	3,801	3,485	1,831	2,832	1,292	2,008
8/13	3,351	3,375	5,057	2,444	2,601	2,931	3,990	3,672	1,840	2,979	1,403	
8/14	3,403	3,581	5,290	2,529	2,707	2,983	4,115	3,865	1,871	3,069	1,500	
8/15	3,585	3,810	5,758	2,610	2,874	3,053	4,334	3,940	1,889	3,109	1,601	
8/16	3,605	4,012	6,026	2,737	2,921	3,077	4,582	4,019	1,901	3,153	1,737	
8/17	3,705	4,266	6,193	2,837	2,984	3,096	4,815	4,115	1,913	3,168	1,890	
8/18	3,925	4,380	6,272	2,963	3,065	3,140	4,995	4,156	1,913	3,212	2,039	
8/19	3,984	4,596	6,385	3,123	3,123	3,197	5,133	4,211	1,951	3,223	2,122	
8/20	4,044	4,663	6,433	3,292	3,142	3,252	5,272	4,256	1,986	3,234	2,187	

ESCAPEMENT MONITORING

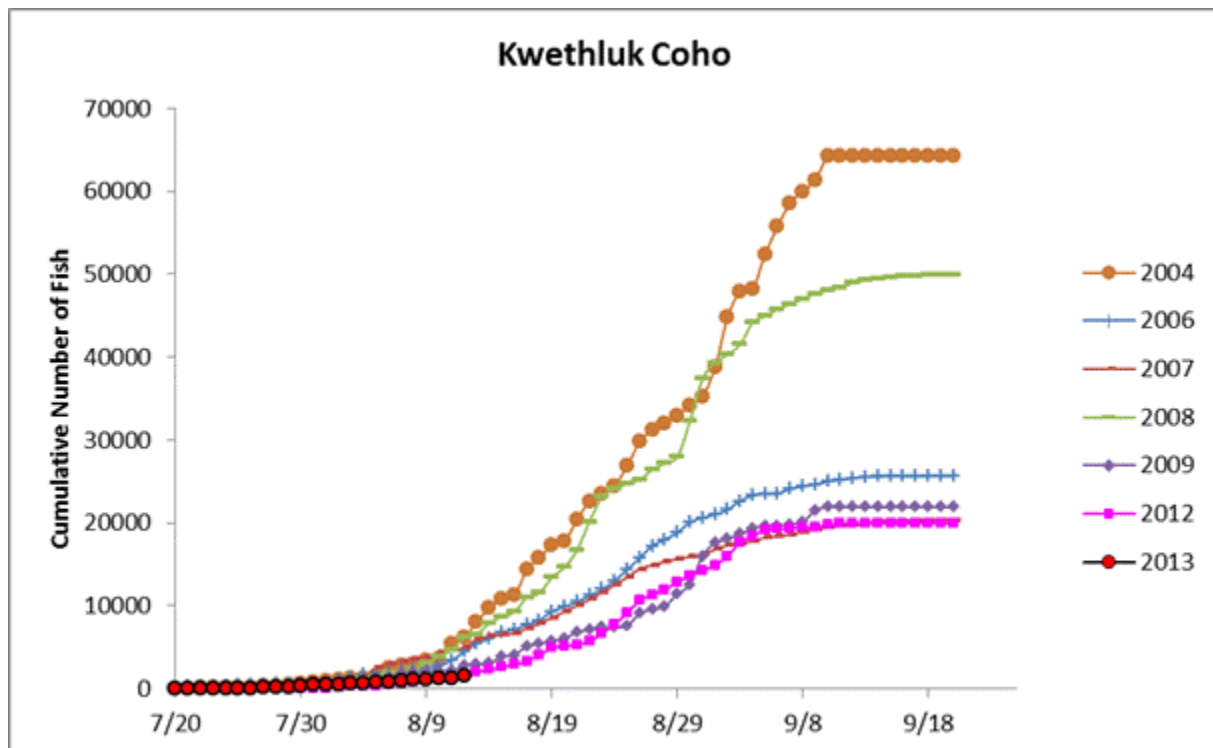
Note: Years with n.a. as season total are considered incomplete. The weir operated but total escapement was not determined.

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

Coho Salmon

Kwethluk River weir historical cumulative daily passage of coho salmon										
Escapement Goal $\geq 19,000$		= years when escapement goal was achieved or exceeded								
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
8/9	3,403		2,424	3,801	3,081	2,065			879	1,149
8/10	3630		2749	4289	3885	2134			1023	1,199
8/11	5361		3401	4657	4678	2192			1200	1,294
8/12	6171		4452	4988	6215	2769			1551	1,548
8/13	8104		5466	5962	6567	2897			2026	
8/14	9694		<i>6031</i>	6310	7902	3050			2309	
8/15	10799		<i>6772</i>	6463	8679	3833			2583	
Season Total	64,216	n.a.	25,664	20,256	49,972	21,911	n.a.	n.a.	19,960	

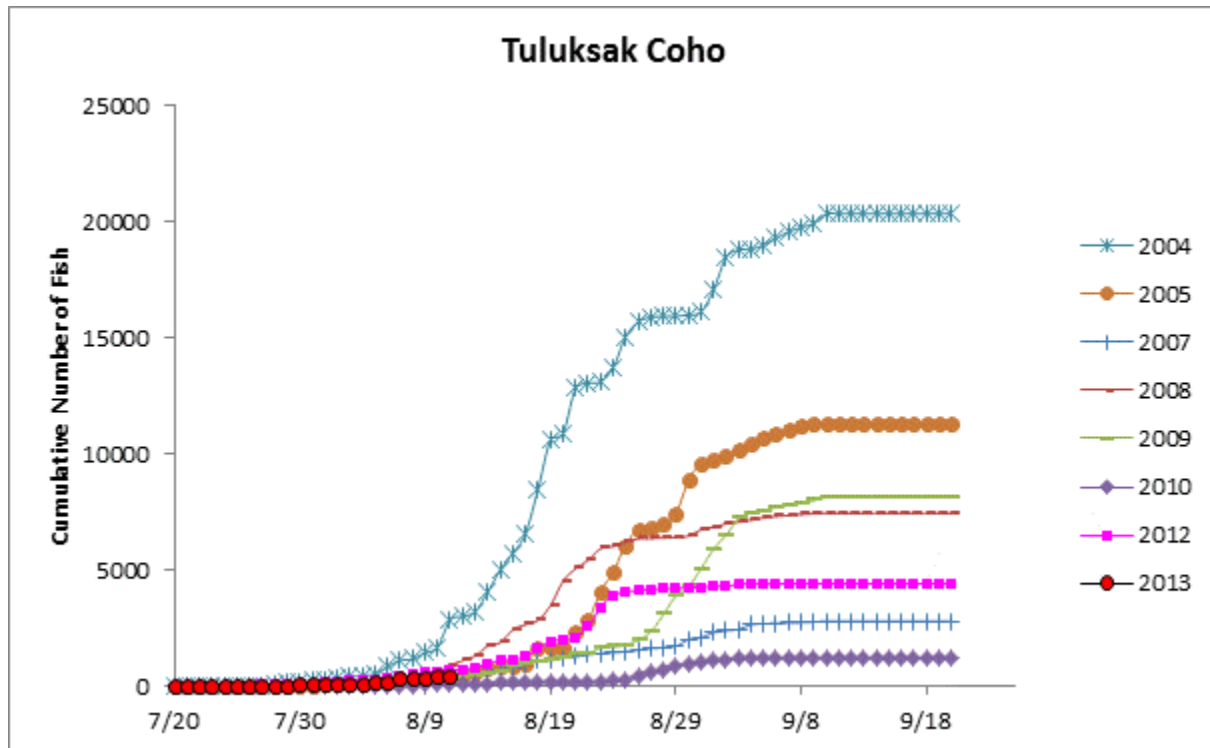
***Partial day of operation on 8/9.**



Coho Salmon (continued)

Tuluksak River weir historical cumulative daily passage of coho salmon										
Date	Cumulative Daily Passage									
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
8/9	1,439	316	430	380	491	165	60		593	388
8/10	1686	381	539	437	605	182	72		631	404
8/11	2850	448	606	478	911	197	81		701	421
8/12	3007	506	685	540	1103	410	102		728	
8/13	3211	628	772	566	1305	422	110		802	
8/14	4054	751	887	626	1728	512	126		986	
8/15	5010	856	994	741	1879	638	176		1086	
Season Total	20,336	11,324	6,111	2,807	7,457	8,137	1,216	n.a.	4,407	

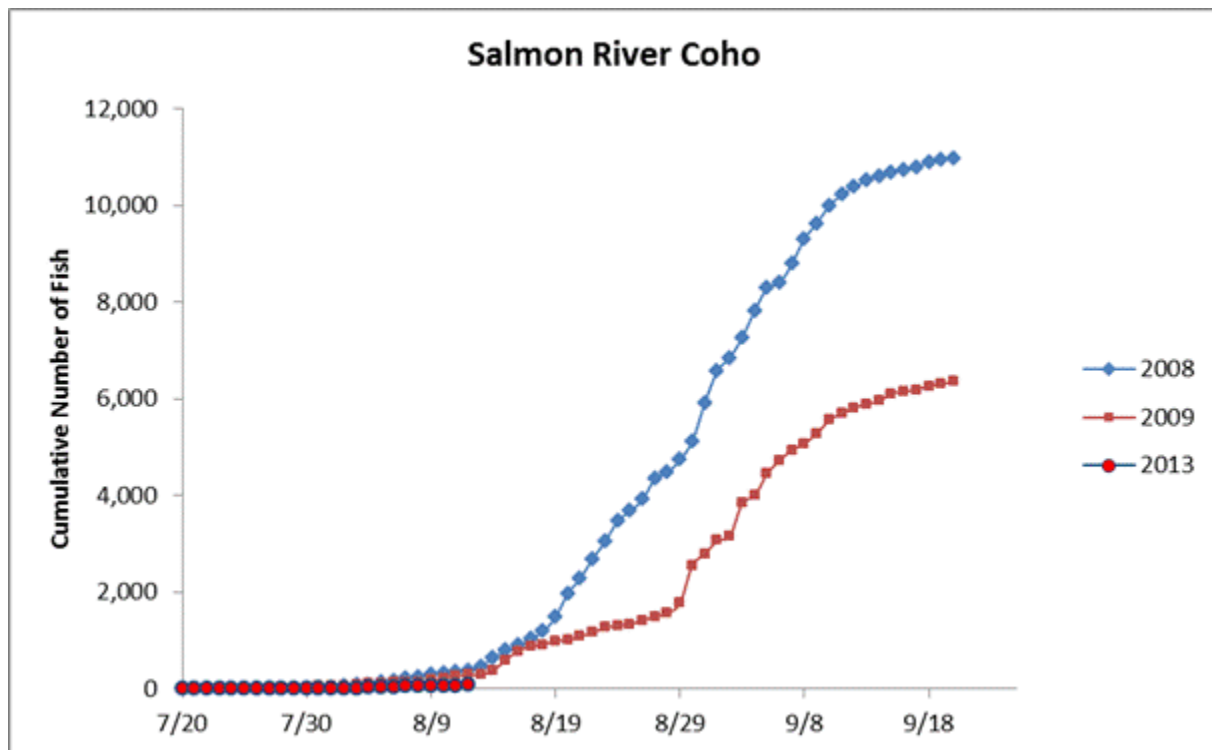
**Tuluksak counts for 8/12 were unavailable.*



Coho Salmon (continued)

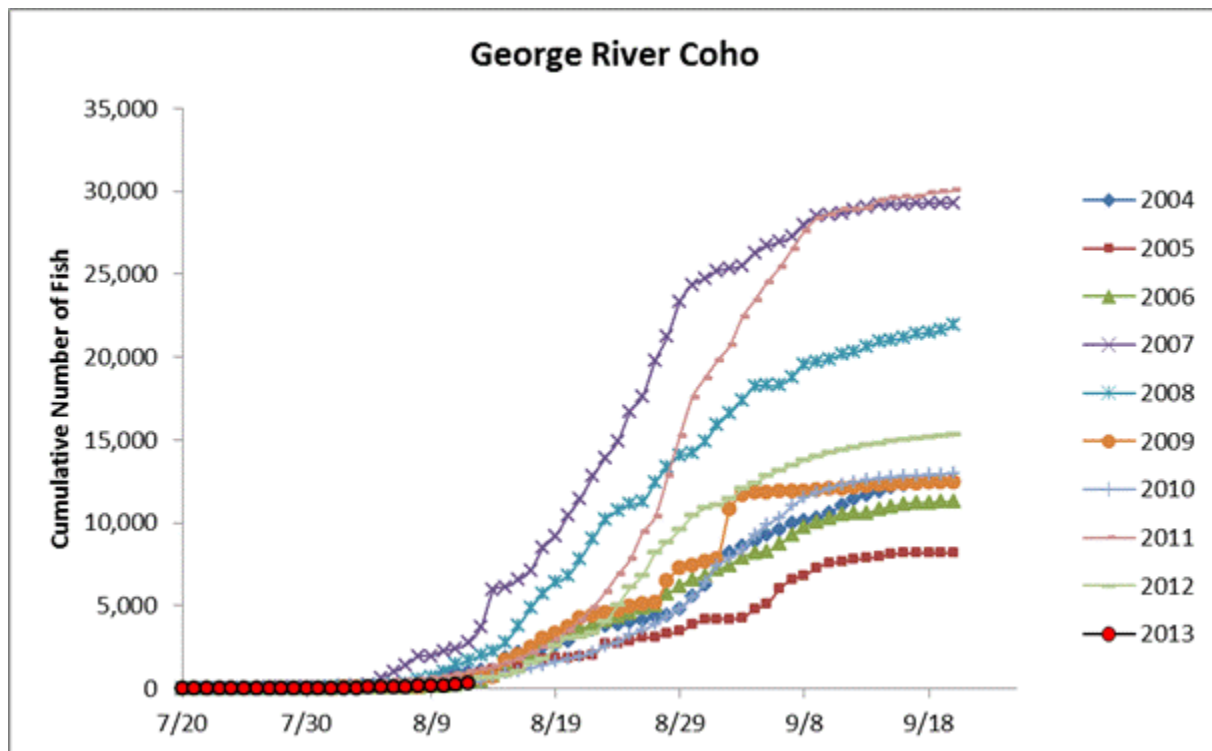
Salmon River weir historical cumulative daily passage of coho salmon						
Cumulative Daily Passage						
Date	2006	2007	2008	2009	2012	2013
8/9			283	178		55
8/10			318	225		58
8/11			351	264		62
8/12			382	283		80
8/13			455	290		
8/14			645	380		
8/15			785	597		
Season Total	n.a.	n.a.	11,022	6,391	n.a.	

**Partial day of operation on 8/7.*



Coho Salmon (continued)

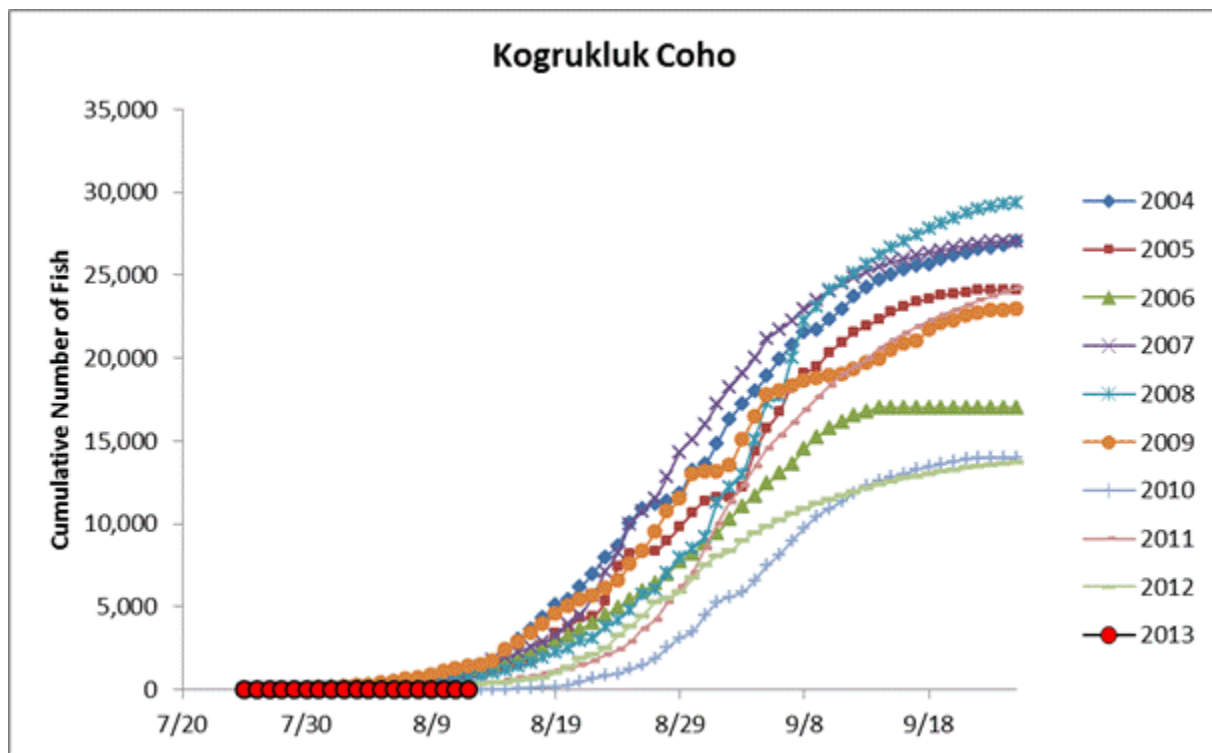
George River weir historical cumulative daily passage of coho salmon										
Date	Cumulative Daily Passage									
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
8/9	391	424	133	1,977	736	150	160	641	354	163
8/10	836	585	158	2,285	1,052	230	196	735	398	182
8/11	913	610	225	2,429	1,460	334	245	847	446	257
8/12	995	737	443	2,762	1,685	392	316	980	498	310
8/13	1,056	915	464	3,707	2,009	611	455	1,139	593	
8/14	1,113	1,187	800	5,926	2,212	738	709	1,328	643	
8/15	1,825	1,295	1,591	6,122	2,790	1,691	898	1,553	818	
Season Total	12,499	8,200	11,294	29,317	21,931	12,464	12,961	30,028	15,272	



Coho Salmon (continued)

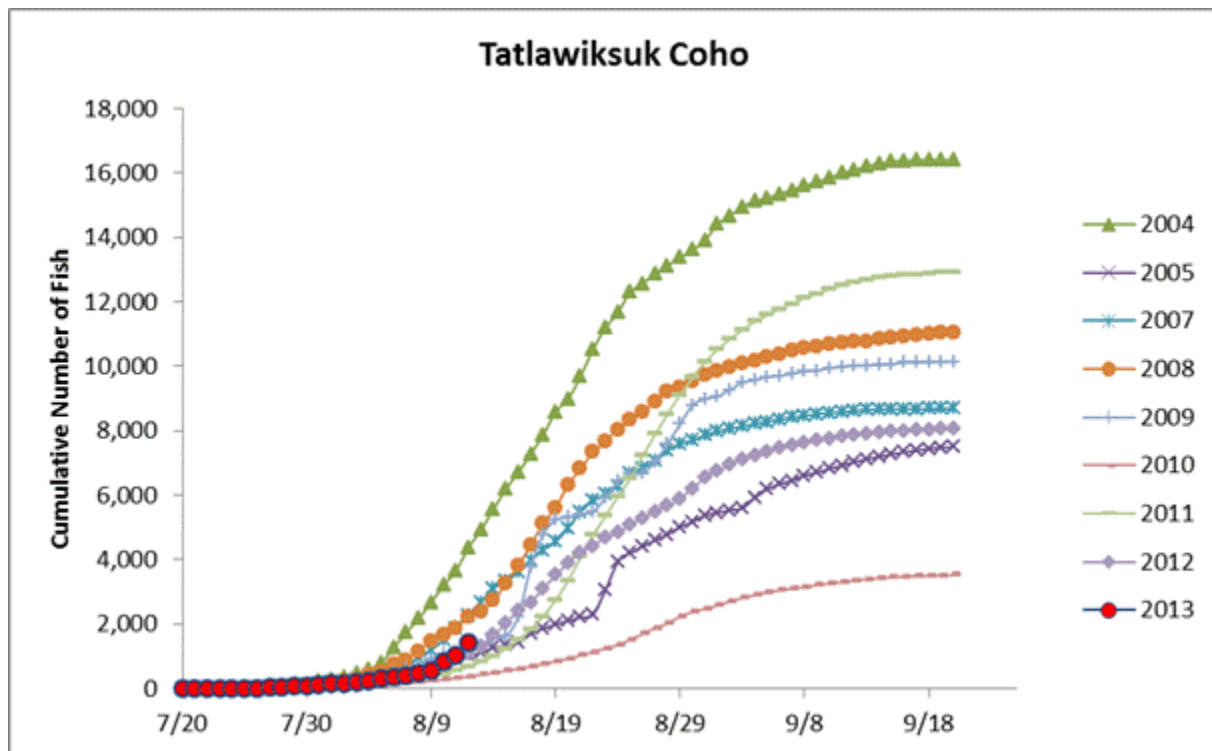
Kogrukluk River weir historical cumulative daily passage of coho salmon										
Escapement Goal Range: 13,000 to 28,000					= years when escapement goal achieved or exceeded					
Cumulative Daily Passage										
Date	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
8/9	676	397	713	587	367	875	1	123	188	40
8/10	893	462	771	678	390	1,097	1	145	223	40
8/11	978	532	977	729	473	1,242	1	188	248	40
8/12	1,218	698	1,133	1,016	683	1,426	1	242	289	40
8/13	1,310	905	1,314	1,438	800	1,444	10	318	335	
8/14	1,599	1,124	1,519	1,775	989	1,699	23	416	375	
8/15	2,360	1,334	1,749	1,928	1,164	2,379	27	536	419	
Season Total	27,042	24,115	17,011	27,034	29,661	22,981	13,970	24,174	13,697	

****Out of operation since 8/6 due to high water. No fish counts or estimates from 8/6 – 8/13.**



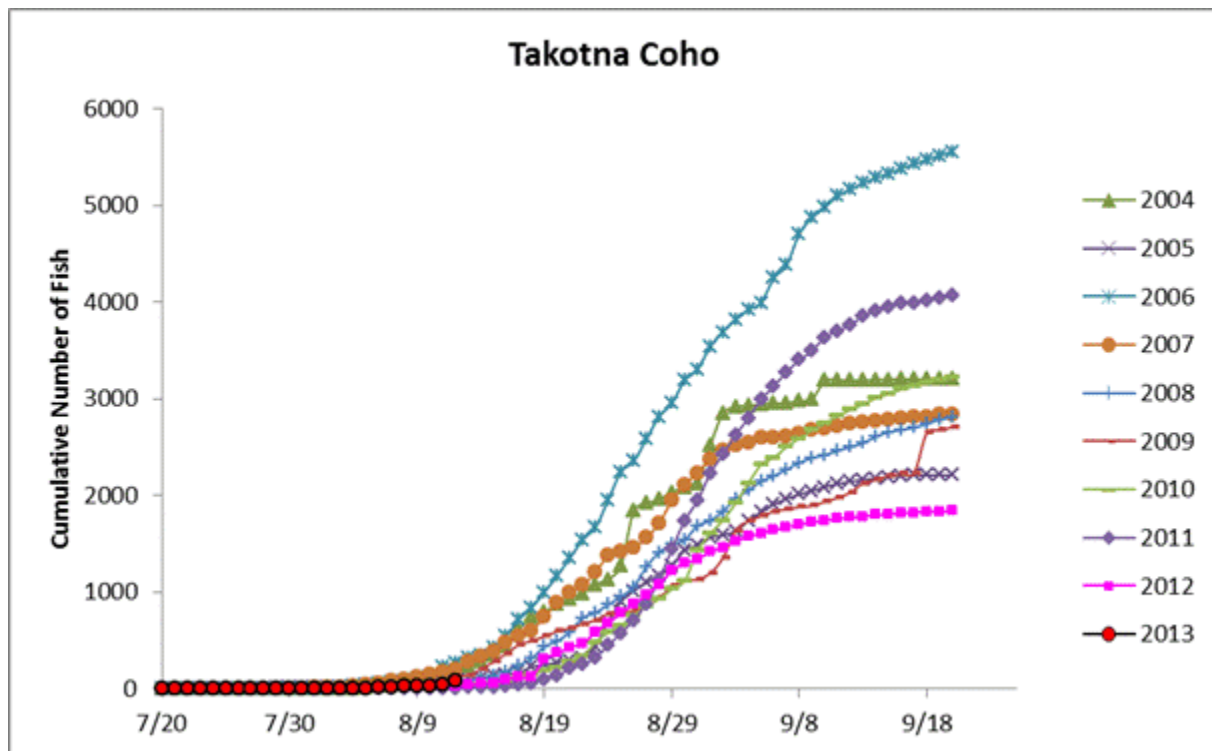
Coho Salmon (continued)

Tatlawiksuk River weir historical cumulative daily passage of coho salmon										
Date	Cumulative Daily Passage									
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
8/9	2,673	719		1,204	1,483	929	247	377	589	563
8/10	3,209	837		1,514	1,682	1,092	284	458	739	832
8/11	3,659	938		1,670	1,889	1,128	328	557	904	1,054
8/12	4,381	1,029		2,251	2,234	1,184	377	678	1,088	1,419
8/13	4,915	1,102		2,673	2,391	1,239	430	827	1,303	
8/14	5,561	1,269		3,112	2,727	1,549	487	1,009	1,655	
8/15	6,189	1,351		3,340	3,267	1,637	548	1,232	2,020	
Season Total	16,410	7,496	n.a.	8,686	11,065	10,148	3,521	12,927	8,070	



Coho Salmon (continued)

Takotna River weir historical cumulative daily passage of coho salmon										
Date	Cumulative Daily Passage									
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
8/9	77	47	108	126	30	52	2	2	13	27
8/10	95	53	115	147	41	70	5	3	16	32
8/11	123	65	227	171	55	85	6	4	23	45
8/12	201	75	267	201	67	121	12	6	33	82
8/13	221	94	320	277	83	138	24	9	37	
8/14	282	114	351	335	106	201	36	13	55	
8/15	342	136	425	391	129	276	39	19	60	
Season Total	3,201	2,209	5,556	2,836	2,807	2,704	3,217	4,062	1,838	



COMMERCIAL CATCH REPORT

District 1 Commercial Openings for 2013

Date	Subdistrict	Permits	Hours	Chinook		Sockeye		Chum		Coho	
				Catch	CPUE	Catch	CPUE	Catch	CPUE	Catch	CPUE
7/16/2013	1-B	189	6 ^b	133 ^a	0.12	373	0.33	24,823	21.89	1,894	1.67
7/19/2013	1-B	221	4 ^b	6 ^a	0.01	78	0.09	15,413	17.44	2,097	2.37
7/23/2013	1-B	218	4 ^b	12 ^a	0.01	47	0.05	5,771	6.62	2,960	3.39
7/26/2013	1-B	171	4 ^b	1 ^a	0.00	45	0.07	3,121	4.56	5,785	8.46
7/30/2013	1-B	137	4 ^b	3 ^a	0.01	35	0.06	1,712	3.12	8,968	16.36
8/6/2013	1-B	273	4 ^b	2 ^a	0.00	20	0.02	706	0.65	23,195	21.24
8/10/2013	1-B	297	6	4 ^a	0.00	168	0.09	474	0.27	30,972	17.38
Total			26	161		766		52,020		75,871	

Footnotes

- ^a All Chinook harvested during the commercial opening were not sold but kept as personal use.
- ^b Does not include 2-hour extension in Lower Section of 1-B.
- ^c In-season data is preliminary, subject to change.

