

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 9, 2012**

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. 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

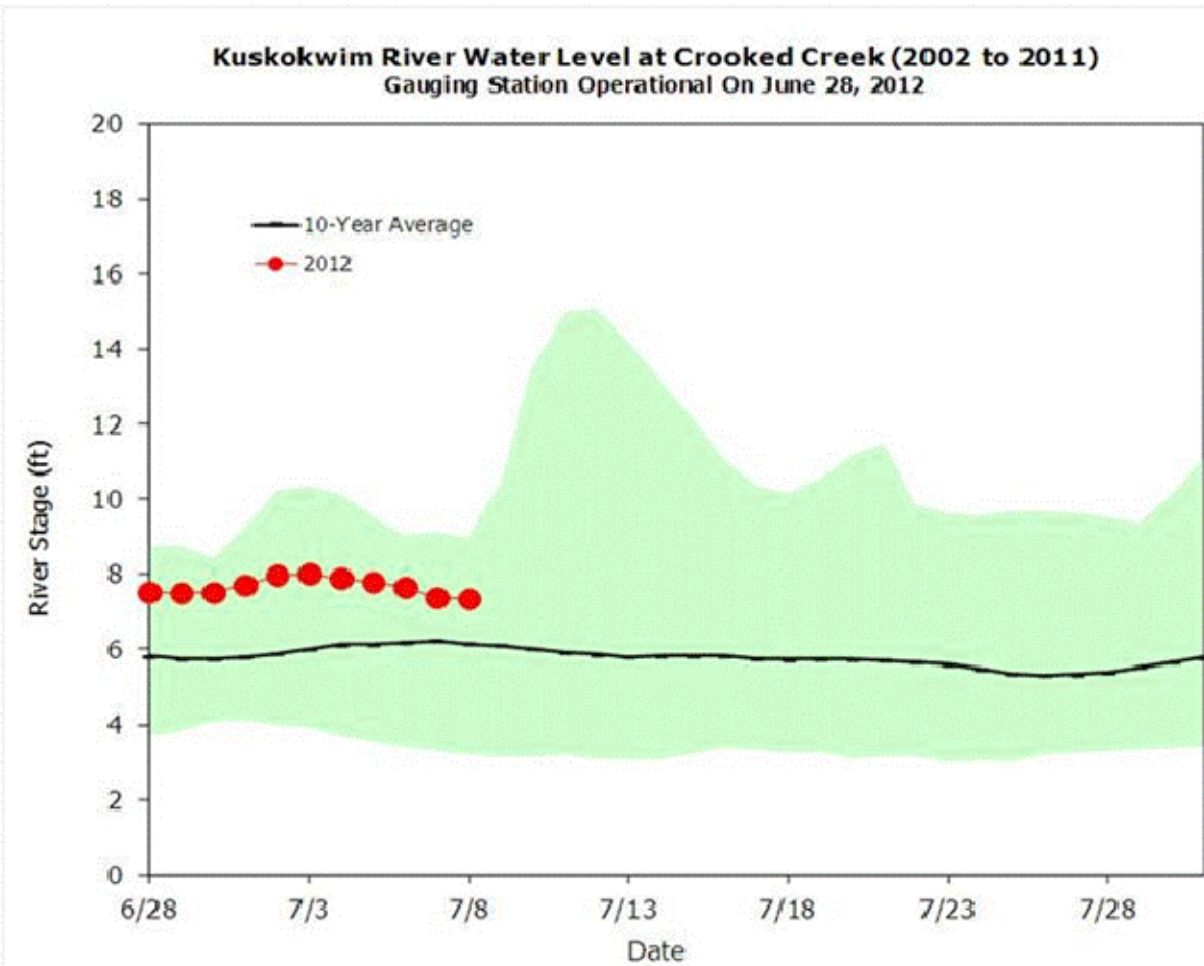
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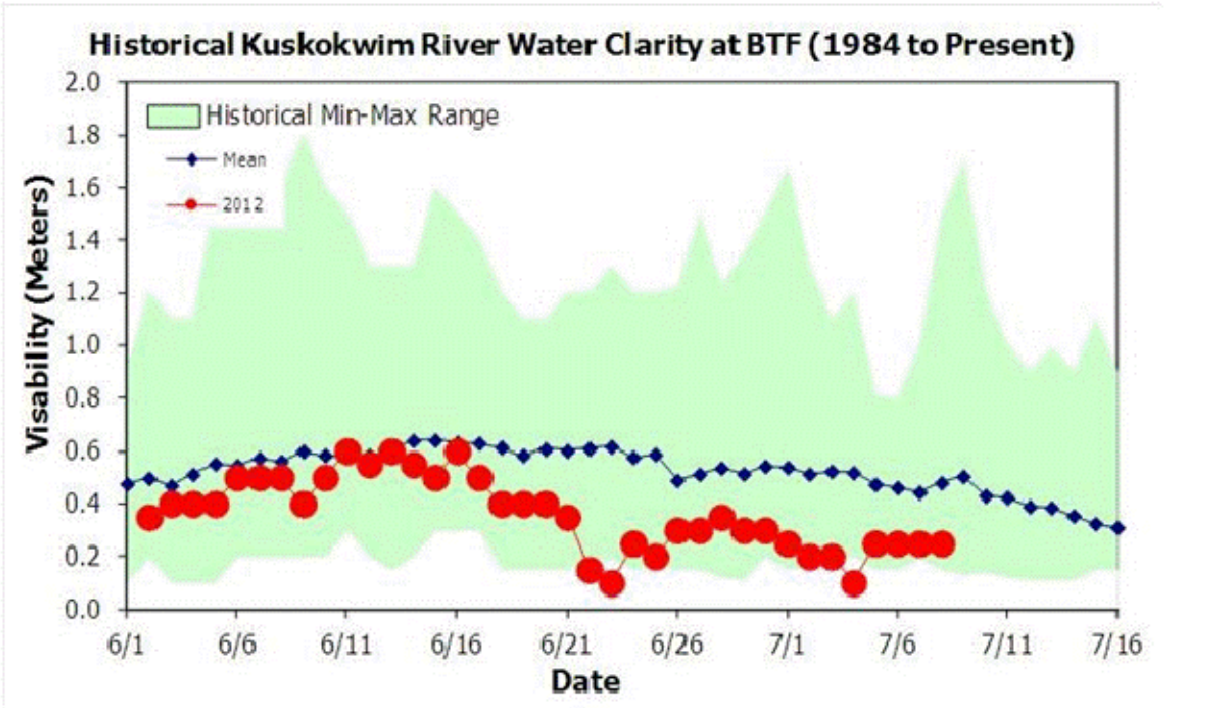
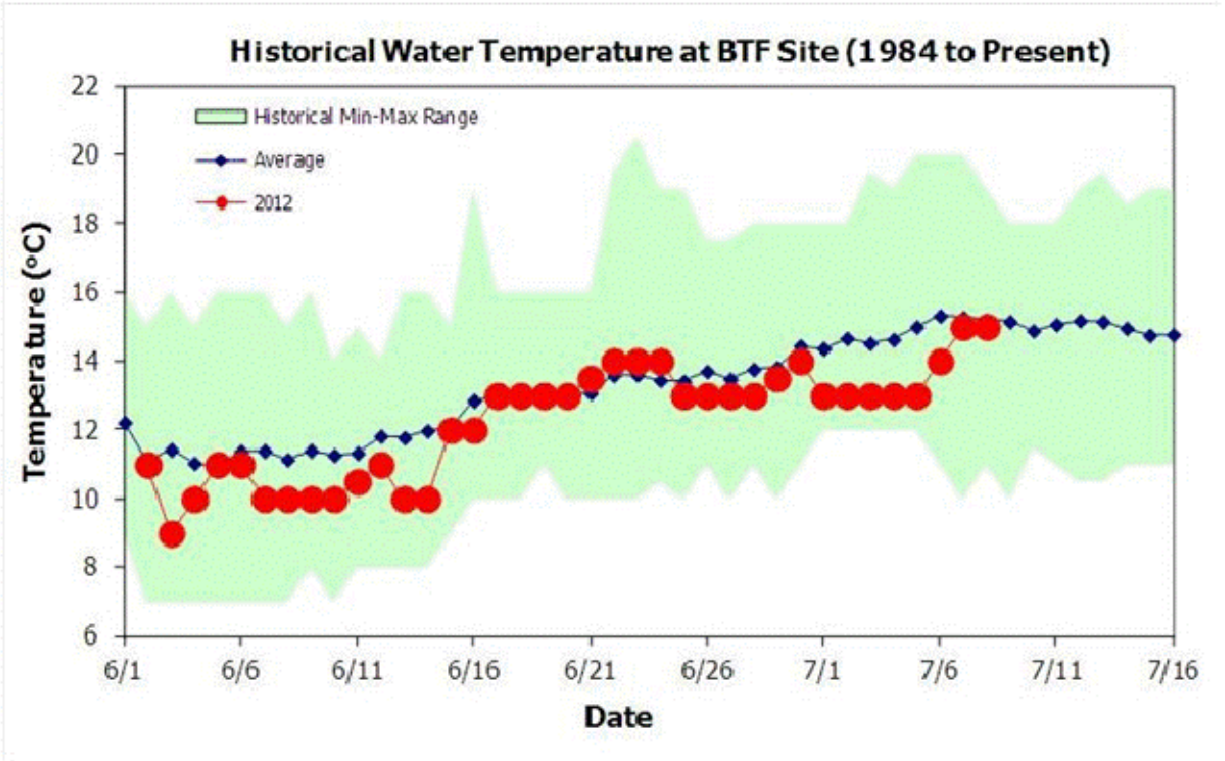
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Information Packet

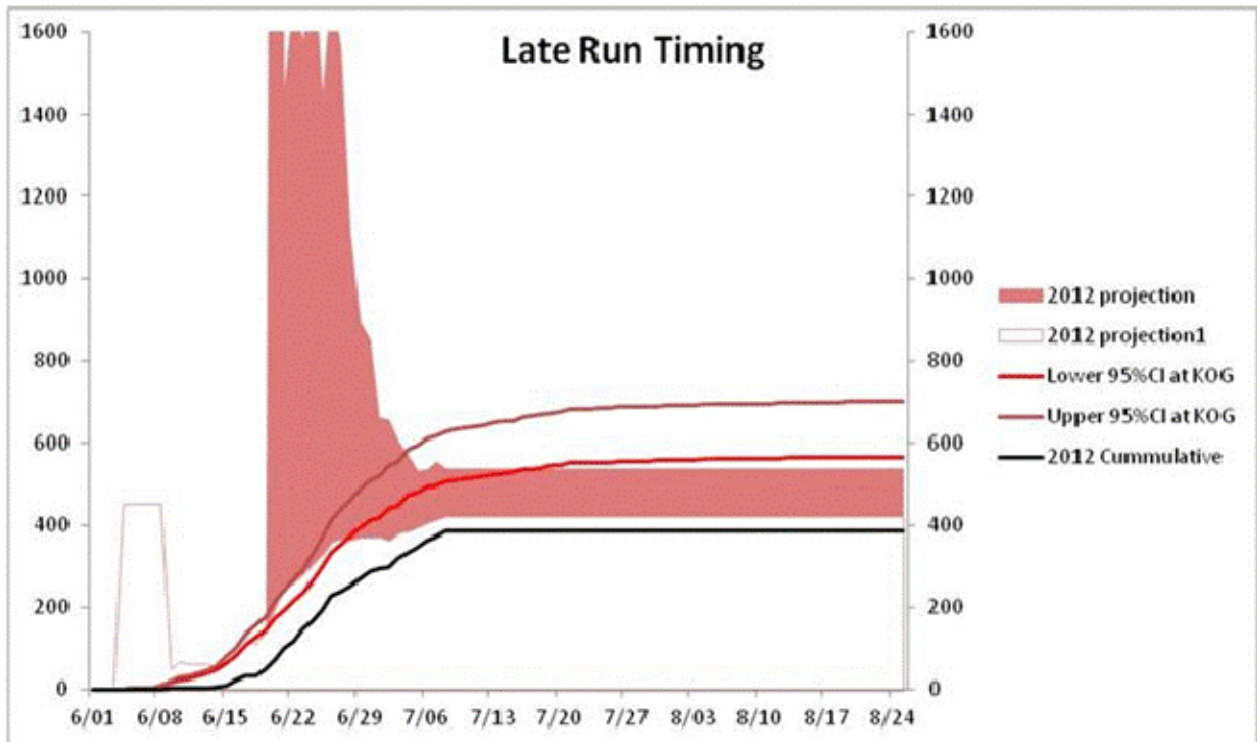
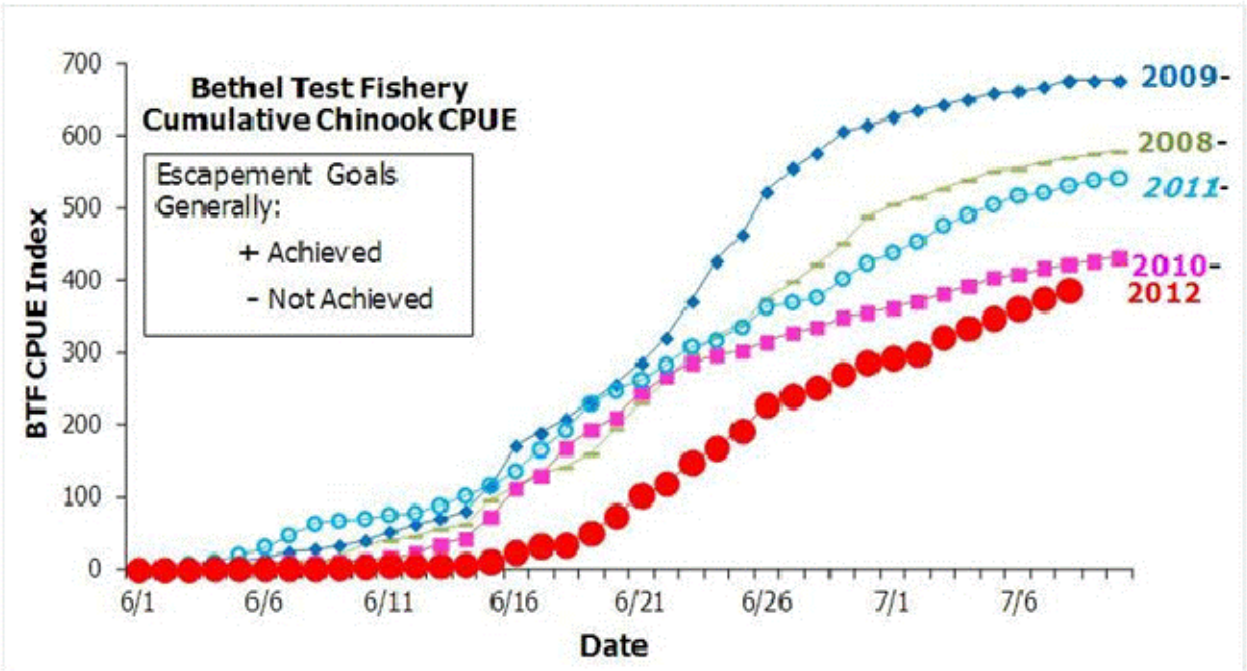
July 9, 2012

OVERVIEW OF KUSKOKWIM RIVER SALMON RUN ASSSSMENT PROJECTS





Chinook Salmon Cumulative CPUE Index, Bethel Test Fishery



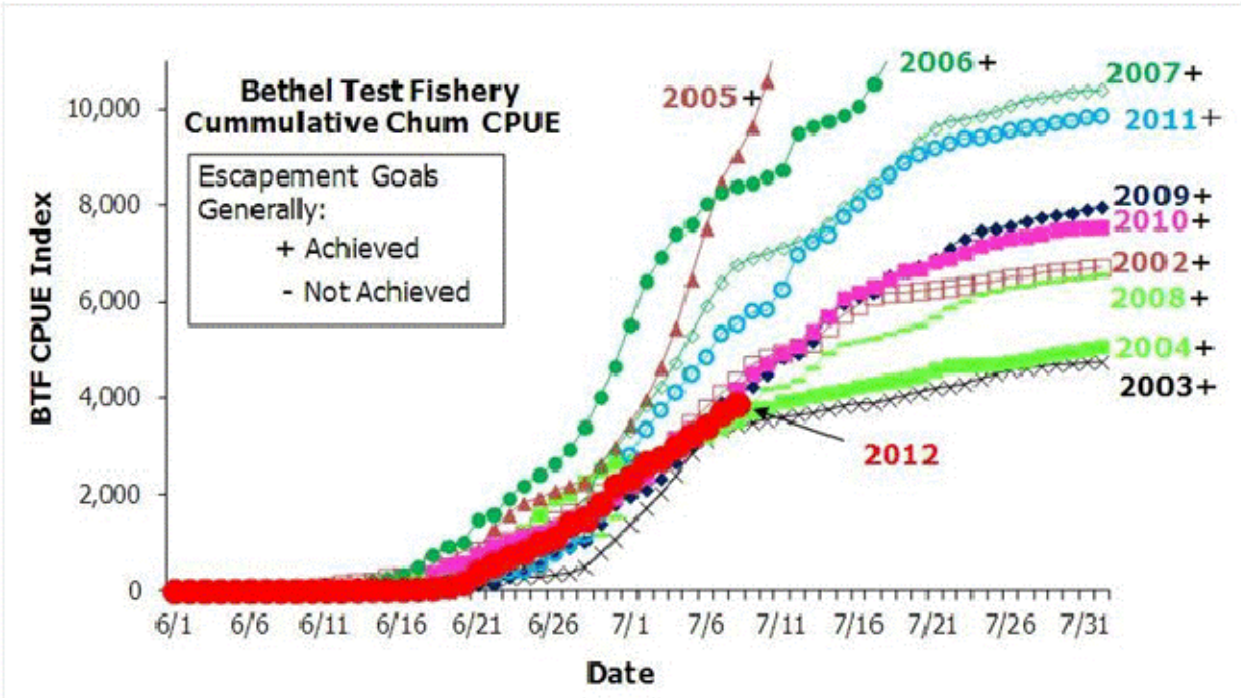
**Bethel Test Fishery
Chinook Salmon Cumulative CPUE Index
(UNCORRECTED)**

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
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	362
7/07	381	599	1,006	795	604	451	562	668	417	521	375
7/08	383	601	1,013	809	607	457	569	676	422	531	387
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	

- Historically, Bethel Test Fish has not indexed Chinook salmon after July 10.

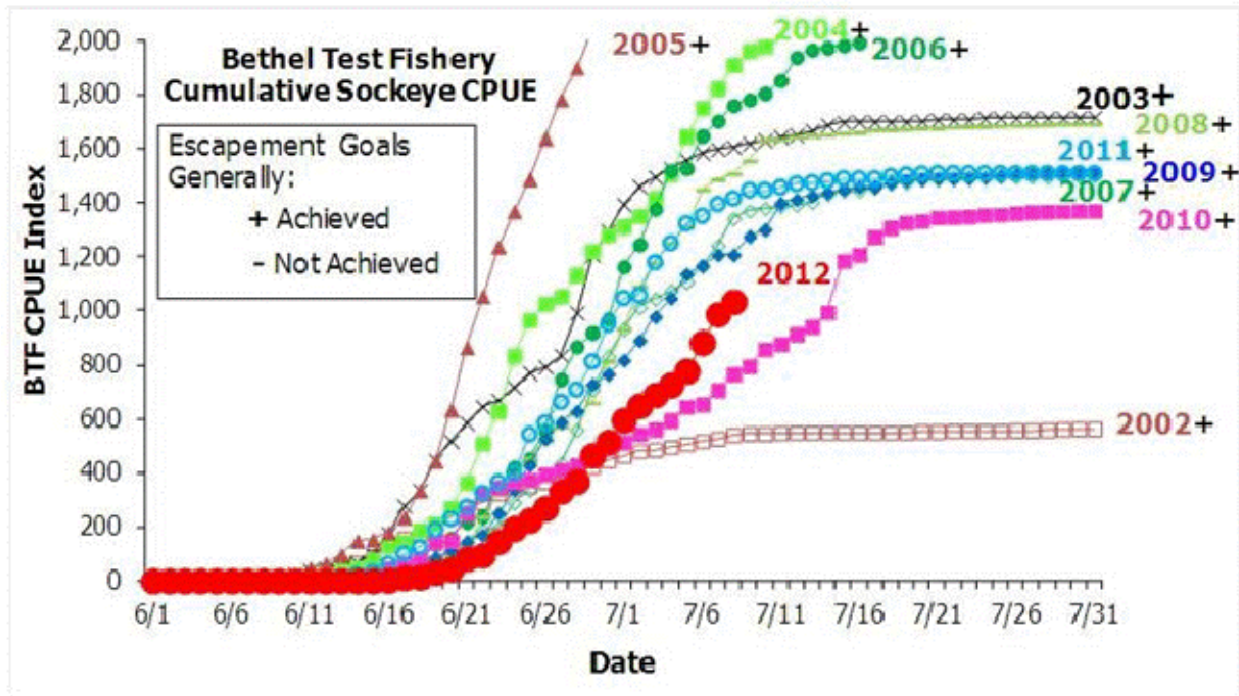
Chum Salmon Cumulative CPUE Index, Bethel Test Fishery



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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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	
7/10	4846	3558	3800	10604	8609	7011	4219	4502	4716	5843	
7/11	4945	3618	3945	11899	8743	7127	4260	4855	4940	6264	
7/12	5068	3663	3993	12658	9519	7261	4396	4937	5089	6978	

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
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	1035
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	
7/11	548	1,646	2,010	2,860	1,854	1,389	1,636	1,400	879	1,459	
7/12	550	1,652	2,013	2,870	1,941	1,394	1,647	1,414	914	1,472	

ESCAPEMENT MONITORING

Chinook Salmon

Kwethluk River weir historical cumulative daily Chinook salmon escapement.											
	= years below escapement goal.										Esc Goal Range: 6,000 to 11,000
Date	Cumulative Daily Passage										
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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	225
7/07	3,654	4,955	13,960		7,459	2,255	1,004	1,269	361	1,014	403
7/08	3,900	5,264	14,968		8,264	3,059	1,488	1,286	372	1,061	
7/09	4,288	6,727	17,294		9,393	3,493	1,568	1,470	405	1,351	
7/10	4,554	7,124	19,489		9,887	4,427	1,630	1,740	522	1,436	
7/11	5,040	7,522	20,436		10,242	4,798	1,773	2,217	526	1,652	
Season											
Total	8,502	14,474	28,604	n.a.	17,618	12,927	5,275	5,744	1,693	4,079	

Tuluksak River weir historical cumulative daily Chinook salmon escapement.											
	= years below escapement goal.										Esc Goal Range: 1,000 to 2,100
Date	Cumulative Daily Passage										
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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	76
7/07	579	563	527	1,018	197	96	21	23	20	12	97
7/08	627	581	692	1,078	208	106	81	23	20	16	
7/09	649	609	708	1,483	228	112	101	25	39	17	
7/10	651	625	849	1,592	246	116	104	41	43	17	
7/11	702	630	921	1,621	286	140	108	105	44	17	
Season											
Total	1,346	1,064	1,475	2,653	1,043	394	701	362	201	288	

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
7/03	53	42	2				0
7/04	73	49	5				0
7/05	142	55	14	Operation	Not	Not	0
7/06	450	61	19	began on	operated	operated	0
7/07	856	152	23	7/13/2009	2010	2011	4
7/08	947	357	48				12
7/09	1,392	384	57	0			
7/10	1,599	453	60	0			
7/11	1,817	558	61	0			
Season							
Total	6,732	6,220	2,376	1,548	n.a.	n.a.	

Chinook Salmon (continued)

George River weir historical cumulative daily Chinook salmon escapement.											
	= years below escapement goal.							Esc Goal Range: 3,100 to 7,900			
Date	Cumulative Daily Passage										
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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	509
7/07	1,519	3,712	2,925	2,618	2,281	1,409	166	1,256	544	531	676
7/08	1,646	3,829	3,323	2,679	2,340	2,324	216	1,374	593	561	731
7/09	1,726	3,894	3,517	2,781	2,387	2,769	224	1,577	629	615	
7/10	1,748	3,911	3,586	2,842	2,542	3,037	237	1,693	707	666	
7/11	1,890	3,916	3,830	2,953	2,874	3,220	247	1,945	814	737	
Season											
Total	2,444	4,693	5,207	3,845	4,357	4,883	2,698	3,663	1,500	1,571	

Kogrukkuk 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
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	119
7/07	3278	2406	6024	5522	2976	294	56	542	132	103	178
7/08	4004	2998	7348	6479	4016	656	83	815	282	121	261
7/09	4245	3856	8410	7697	4768	1335	104	1040	333	171	
7/10	4695	4418	9482	9006	5616	1799	116	1242	405	336	
7/11	5499	4489	10651	10013	6025	2392	167	1676	682	456	
Season											
Total	10,104	11,771	19,651	22,000	19,414	13,029	9,730	9,702	5,690	6,891	

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
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	50
7/07	1,396	1,747	841	1,602	1,562	521	480	46	393	197	328	82
7/08	1,417	1,757	868	1,708	1,660	599	749	54	462	224	371	96
7/09	1,446	1,781	997	1,997	1,772	827	1,237	65	543	258	424	
7/10	1,475	1,808	1,033	2,102	1,867	973	1,384	81	576	262	470	
7/11	1,489	1,856	1,068	2,145	2,010	1,019	1,459	120	728	278	497	
Season												
Total	2,010	2,237	1,683	2,833	2,920	1,700	2,061	1,071	1,071	567	1,012	

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
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	65	121	32	56	33	20	13	0	3
7/06	33	27	102	142	44	71	35	33	17	0	4
7/07	50	33	108	157	61	77	46	69	19	1	25
7/08	82	43	127	178	85	88	56	75	23	6	25
7/09	89	80	274	189	136	130	63	93	24	11	
7/10	91	103	290	227	168	163	67	99	40	16	
7/11	184	113	305	249	189	205	70	121	52	16	
Season											
Total	316	378	461	499	539	418	413	311	178	136	

Chum Salmon

Kwethluk 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
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	939
7/07	7,625	2,175	10,850		12,645	4,094	2,369	2,340	3,488	2,328	1,479
7/08	8,073	2,694	11,621		14,064	6,410	3,279	2,600	4,184	2,532	
7/09	8,926	4,056	12,494		17,037	7,945	3,835	3,011	4,341	2,956	
7/10	10,217	4,665	14,679		20,073	9,495	4,080	3,777	5,141	3,287	
7/11	11,498	5,476	16,002		21,338	11,274	4,459	5,965	5,274	3,974	
Season											
Total	35,854	41,812	38,646	n.a.	47,490	54,913	20,030	32,191	19,242	18,329	

Tuluksak 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
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	812
7/07	1,681	663	3,533	2,850	4,733	801	754	160	1,697	246	954
7/08	1,711	746	3,896	3,688	4,800	993	913	169	1,811	330	
7/09	1,790	1,052	4,047	4,362	5,533	1,208	1,126	176	2,196	421	
7/10	1,865	1,095	4,122	5,838	7,344	1,613	1,321	249	2,441	447	
7/11	2,410	1,208	4,425	6,324	7,972	2,748	1,678	460	2,607	594	
Season											
Total	9,958	11,724	11,796	35,696	25,650	17,647	12,550	13,671	13,042	10,010	

Salmon River weir, Aniak River historical cumulative daily chum salmon							
Esc Goal Range: none							
Date	Cumulative Daily Passage						
	2006	2007	2008	2009	2010	2011	2012
7/03	1,748	97	40				8
7/04	2,554	128	53				23
7/05	4,117	187	105	Operation began on 7/13/2009	Not operated 2010	Not operated 2011	33
7/06	5,758	293	164				40
7/07	7,644	493	212				121
7/08	9,007	736	264				226
7/09	10,097	1,206	387	0			
7/10	11,488	1,668	461	0			
7/11	12,734	2,082	547	0			
Season							
Total	40,306	25,379	9,459	9,297	n.a.	n.a.	

Chum Salmon (continued)

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
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	3,759
7/07	2,726	1,833	7,208	3,620	11,293	6,546	4,021	1,219	5,164	7,519	5,266
7/08	2,912	2,657	7,722	4,128	11,972	9,557	4,778	1,350	6,100	9,008	6,278
7/09	3,110	4,019	8,033	4,958	12,590	11,811	5,352	1,612	7,135	10,031	
7/10	3,427	4,679	8,338	5,076	13,890	13,152	6,195	1,867	7,890	11,042	
7/11	3,826	4,903	8,805	5,535	15,426	14,061	7,258	2,407	8,638	12,540	
Season											
Total	6,543	33,666	14,409	14,828	41,467	55,842	29,978	7,941	26,154	44,640	

Kogrukluk River weir historical cumulative daily chum salmon escapement.											
Esc Goal Range: 15,000 to 49,000											
= years below escapement goal.											
Date	Cumulative Daily Passage										
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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	1,474
7/07	14,781	3,338	6,455	15,582	36,169	2,545	782	1,241	3,106	1,020	2,399
7/08	17,057	3,918	7,657	21,840	43,604	3,440	1,232	1,913	4,707	1,445	3,488
7/09	19,430	4,576	8,606	28,586	49,558	4,748	1,597	2,744	6,617	2,132	
7/10	22,573	5,143	9,867	34,186	56,695	6,469	1,936	4,044	8,367	3,206	
7/11	25,975	5,295	10,993	39,185	61,702	8,133	2,387	5,735	10,766	4,424	
Season											
Total	51,570	23,413	24,201	197,723	180,594	49,505	44,978	84,940	63,583	76,384	

Tatlawiksuk 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
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	6,251
7/07	10,108		6,338	9,477	9,052	11,183	2,888	1,493	7,228	9,742	8,521
7/08	10,774		7,149	10,916	9,897	14,915	3,363	1,885	8,412	12,253	9,446
7/09	11,614		7,985	12,664	12,038	19,984	4,065	2,300	9,513	16,130	
7/10	12,442		8,612	14,210	13,829	24,018	5,326	2,798	10,500	19,575	
7/11	13,680		9,037	16,951	14,847	27,384	6,566	3,478	11,903	22,549	
Season											
Total	24,542	n.a.	21,245	55,720	32,301	83,246	30,896	19,975	36,701	84,202	

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
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	192
7/07	1,877	547	600	1,020	2,990	1,075	860	321	512	644	544
7/08	2,001	684	665	1,418	3,449	1,314	1,051	364	644	823	643
7/09	2,111	826	757	1,618	3,929	1,688	1,226	391	776	1,089	
7/10	2,316	914	844	1,945	4,391	2,103	1,386	445	934	1,385	
7/11	2,575	961	918	2,138	4,860	2,636	1,568	521	1,020	1,641	
Season											
Total	4,399	3,388	1,633	0 6,488	12,651	8,873	5,704	2,528	4,057	8,414	

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	0
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	110
7/07	145		109	1,520	2,638		4,144	2,045	844	1,552	1,629	1,100	164
7/08	168		113	1,658	2,660		4,355	2,462	1,191	1,741	1,902	1,177	
7/09	174		115	1,893	2,752		4,650	2,689	1,287	2,058	1,950	1,281	
7/10	185		134	1,975	2,881		4,878	3,033	1,345	2,304	2,341	1,314	
7/11	213		145	2,072	2,956		5,026	3,265	1,464	2,682	2,416	1,372	
Season Total	358	n.a.	272	2,928	3,491	n.a.	6,732	5,262	2,451	4,230	4,242	2,031	

Kogrukluk 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	
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	46	
7/07	1,128	617	1,458	4,311	5,446	76	9	200	58	23	102	
7/08	1,619	1,083	1,828	6,966	6,920	161	43	312	239	32	126	
7/09	1,670	1,745	2,241	8,482	9,179	312	65	632	307	69		
7/10	1,860	1,965	2,743	10,545	11,302	509	87	1,131	385	252		
7/11	2,281	2,054	3,250	12,076	12,646	781	137	2,116	739	356		
Season Total	4,050	9,164	6,775	37,939	60,807	16,525	19,675	23,785	13,995	8,132		

Telequana Lake Weir historical cumulative daily sockeye salmon escapement.			
Esc Goal Range: none			
Date	Cumulative Daily Passage		
	2010	2011	2012
7/03	0	0	
7/04	0	0	0
7/05	0	0	0
7/06	59	0	0
7/07	302	0	0
7/08	629	0	0
7/09	1,920	0	
7/10	3,937	910	
7/11	5,983	3,340	
Season Total	72,021	34,314	