

# 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: **June 19, 2013**

Time: **10:00 am**

Place: **Bethel**

Fritz Charles

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: N/A
3. Commercial Catch Report: N/A
4. Processor Report: N/A
5. Sport Fish Report: N/A
6. Weather Forecast:
7. Recommendation:
8. Motion for Discussion and Action

**OLD BUSINESS:**

**NEW BUSINESS:**

**COMMENTS FROM WORKING GROUP MEMBERS:**

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

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## Information Packet

June 19, 2013

### **LOWER KUSKOKWIM RIVER INSEASON CATCH MONITORING REPORT**

**Orutsararmiut Native Council (ONC)**

**Fishing reports from June 10-17, 2013**

**Families surveyed/gear types in use.**

Families Surveyed	Families Fishing	Driftnets	Setnets	Both Nets	Larger than 6" mesh	6" mesh and smaller	Both mesh sizes	Rod & Reel
11	<b>10</b>	7	0	3	8	2	0	0
		70%	0	30%	80%	20%	0	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
6	4	0	0	9	1	1	8	1
60%	40%	0	0	90%	10%	10%	80%	10%

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
0	9	1	1	8	1	3	5	2
0	90%	10%	10%	80%	10%	30%	50%	20%

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

**Harvest Goal Summary:** Some of the families that were surveyed this week have reported being close to half-way done fishing, while other families are still waiting to start. Some families have reported putting Chinook away in the freezer.

**Chinook:** Families reported catching up to 30 salmon of mixed species while drifting starting on the morning of June 15. Most families interviewed this week reported better catches of Chinook compared to 2012. Many interviewed families also reported larger Chinook and an

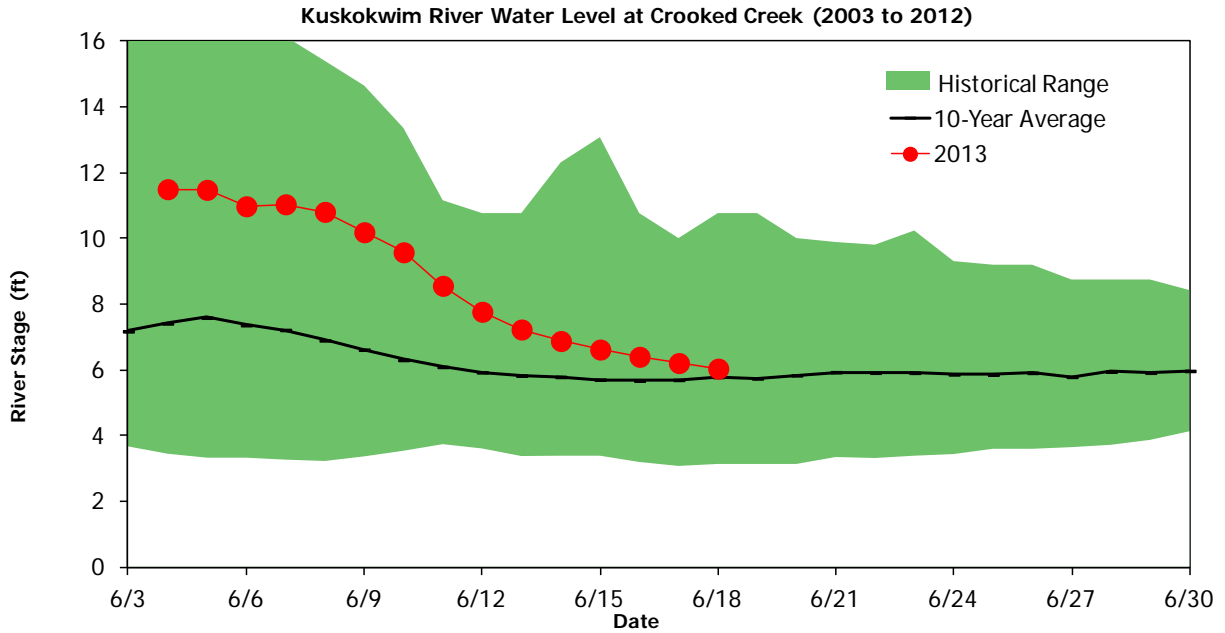
increase in the female to male ratio. Some families reported catching “spawning Chinook” that were turning red and guessed that they were headed to the lower river tributaries.

**Chum & Sockeye:** Most people interviewed said that they had begun to catch chum and sockeye salmon. Some families reported catching more chum than sockeye with larger mesh gillnets, and predicted that sockeye catches would be better with smaller mesh nets. Some families reported that sockeye appeared to be early this year.

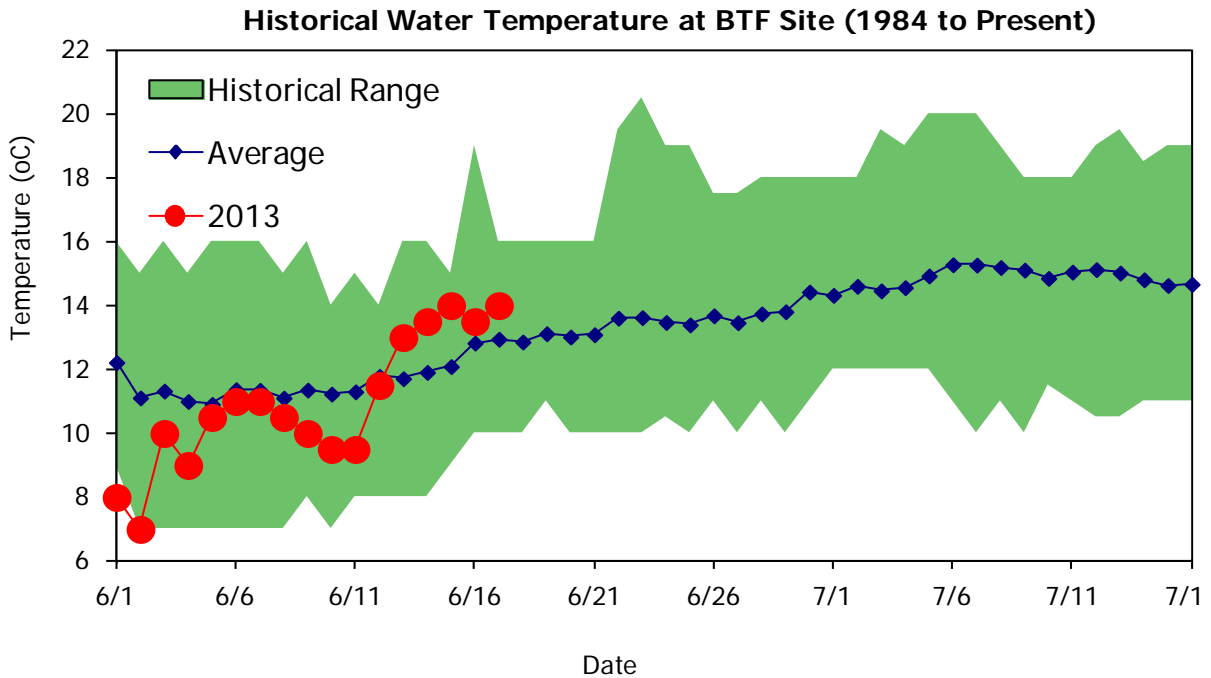
**Surveyor comments:** This week ONC surveyors were unable to reach as many fish camps as usual because of motor issues. Surveyors handed out 4 Age-Sex-Length sampling kits to fishermen participating in ADF&G’s Stock Biology ASL Sampling Program. Surveyors sampled two salmon showing signs of the *Ichthyophonus* parasite for USFWS.

Between June 10 - June 17, surveyors counted a total of 21 set nets and 25 drift nets. The nets appeared to be more spread out and evenly distributed on the river compared to this time last year.

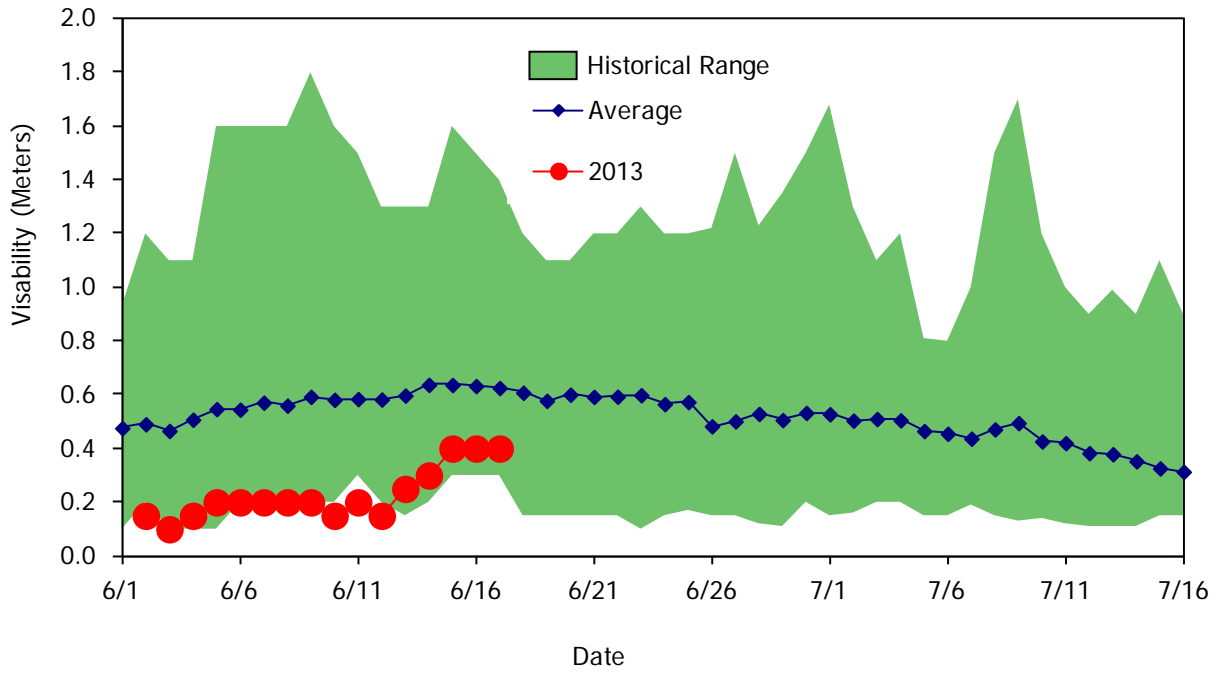
# OVERVIEW OF KUSKOKWIM RIVER SALMON RUN ASSSSMENT PROJECTS



Data obtained through: <http://water.weather.gov/ahps2/hydrograph.php?wfo=pafc2&gage=cixa2>



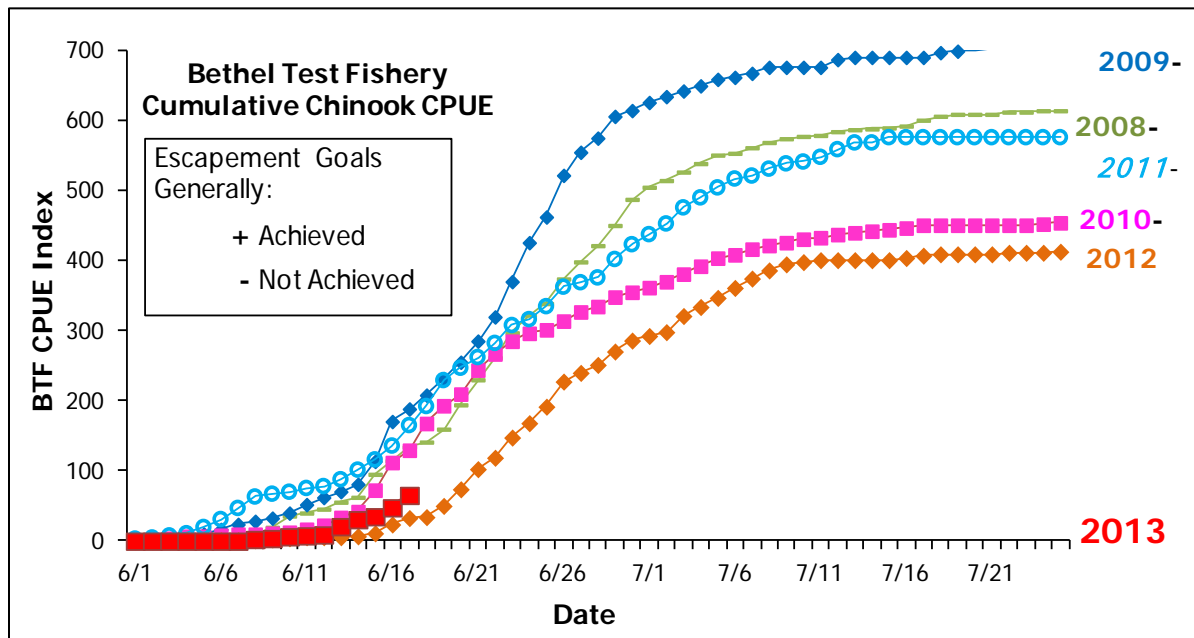
Historical Water Clarity at BTF site (1984 to Present)



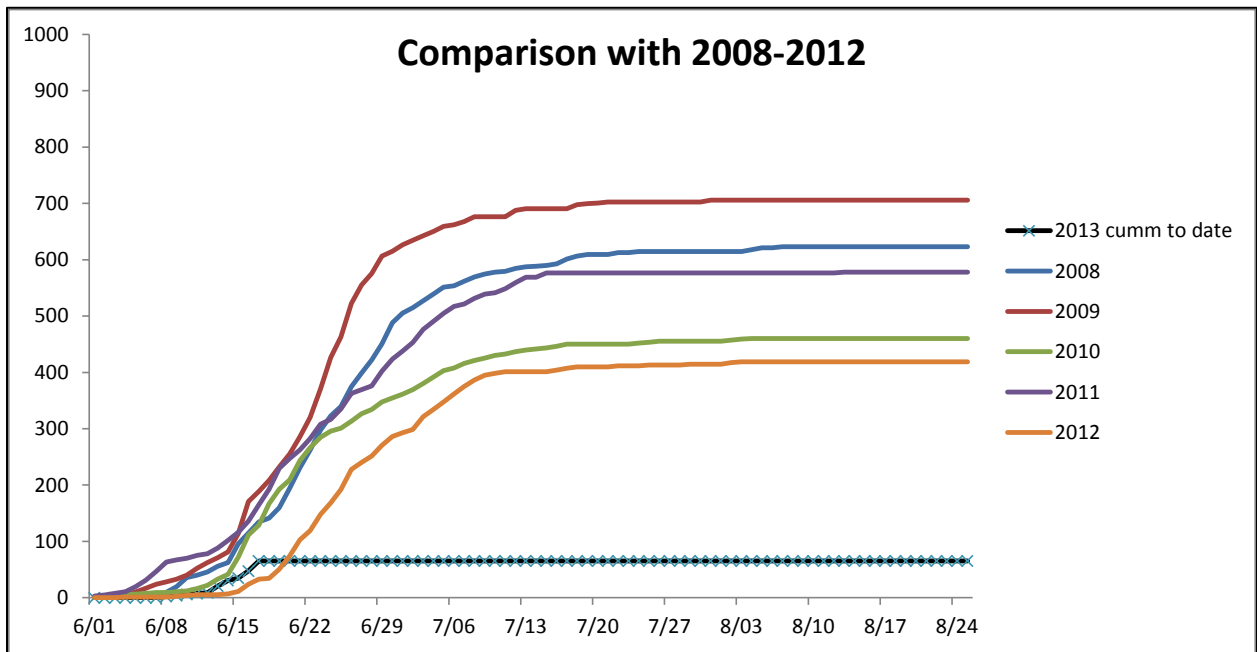
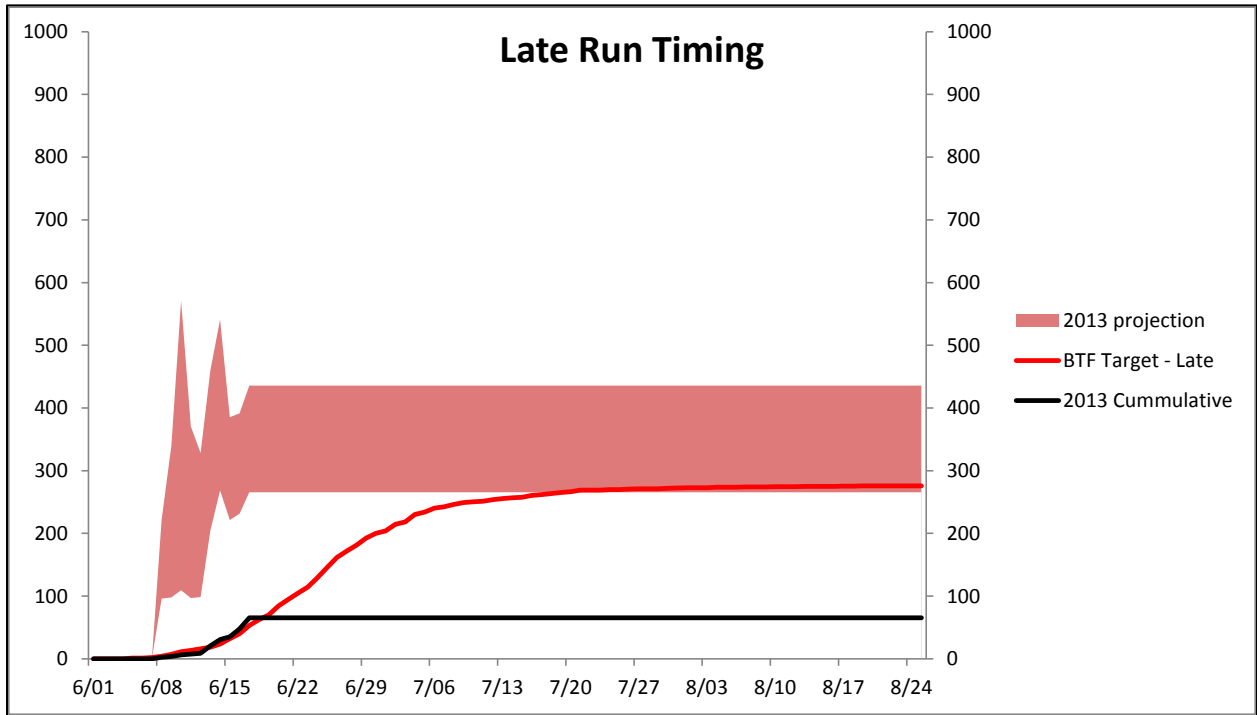
**Chinook Salmon Cumulative CPUE Index, Bethel Test Fishery**

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

	2008	2009	2010	2011	2012	2013
6/01	0	0	0	3	0	0
6/02	3	0	3	5	0	0
6/03	3	1	4	8	0	0
6/04	3	4	7	11	1	0
6/05	3	10	7	20	1	0
6/06	4	17	8	31	1	0
6/07	4	24	10	47	1	0
6/08	10	28	10	63	1	2
6/09	20	33	11	67	3	4
6/10	36	40	13	70	4	6
6/11	40	52	17	75	6	8
6/12	46	62	23	78	6	9
6/13	56	71	34	88	6	21
6/14	63	81	42	102	7	31
6/15	96	114	73	116	11	35
6/16	115	171	112	136	24	48
6/17	135	189	130	165	33	65
6/18	142	209	168	192	34	
6/19	160	232	193	229	50	
6/20	195	255	210	247	74	
6/21	230	286	244	262	103	
6/22	262	320	267	283	119	
6/23	298	371	285	308	148	
6/24	323	426	297	317	168	
6/25	339	463	302	335	192	
6/26	374	522	314	363	228	
6/27	399	555	327	369	240	
6/28	422	575	335	376	252	
6/29	451	606	349	402	271	



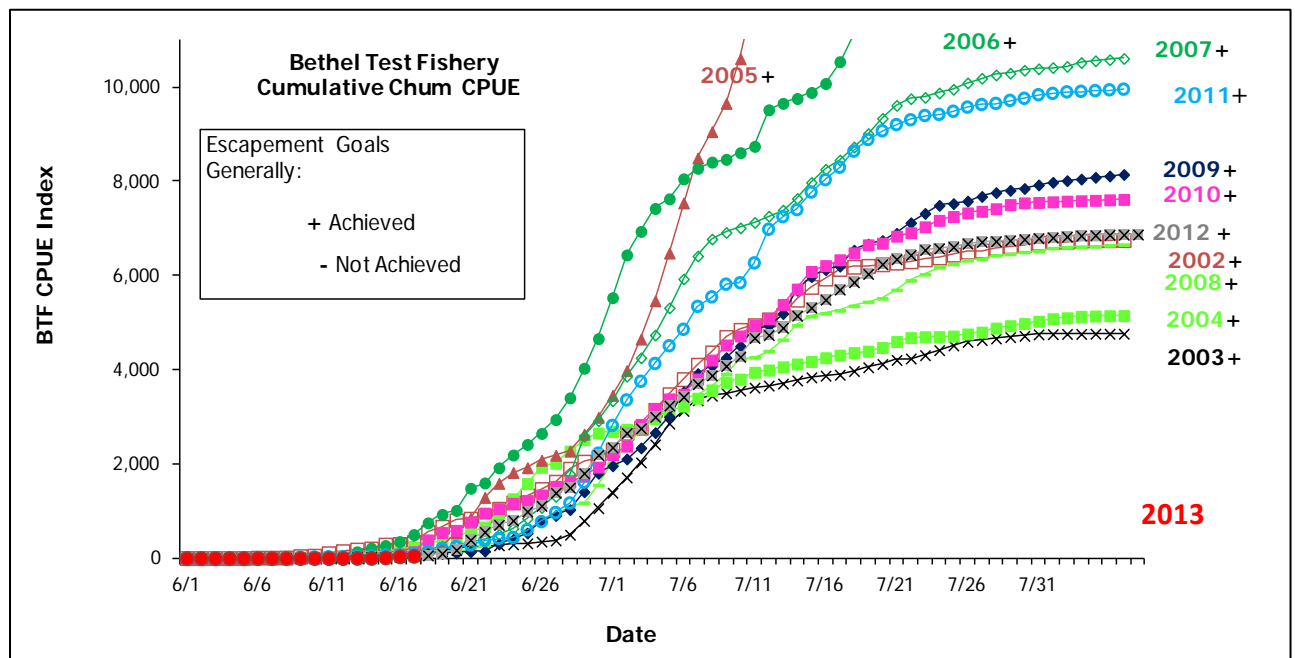
# Chinook Salmon



# 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	2013
6/01	0	0	0	0	0	0	0	0	0	0	0	0
6/02	0	0	3	0	0	0	0	0	0	0	0	0
6/03	0	0	3	0	0	0	0	0	0	0	0	0
6/04	0	0	8	0	0	0	0	0	4	3	0	0
6/05	0	0	11	0	3	0	0	3	6	3	0	0
6/06	8	0	11	0	9	0	0	4	6	3	3	0
6/07	8	0	11	0	9	3	0	4	6	3	3	0
6/08	11	0	14	0	12	3	6	6	6	6	3	0
6/09	41	0	22	0	12	3	9	9	6	11	3	0
6/10	50	6	22	0	15	8	9	9	9	17	8	0
6/11	103	8	25	13	35	11	12	9	9	22	8	0
6/12	146	11	34	25	41	11	18	12	15	22	8	0
6/13	180	17	71	38	133	23	18	14	26	31	16	4
6/14	202	30	110	49	210	34	20	20	31	39	24	4
6/15	285	49	144	87	266	57	41	42	50	60	24	14
6/16	299	77	179	95	350	74	66	69	86	63	27	37
6/17	338	103	229	131	499	94	80	75	133	85	42	48
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	

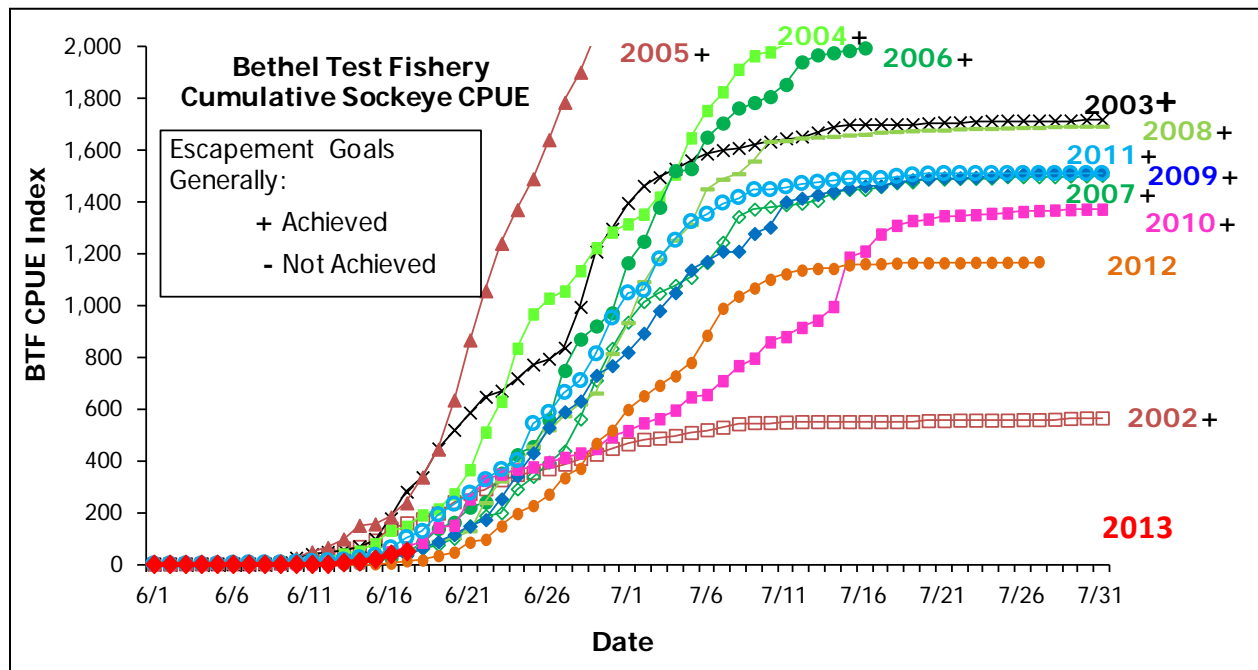




# Sockeye Salmon Cumulative CPUE Index, Bethel Test Fishery

Bethel Test Fishery  
Sockeye Salmon Cumulative CPUE Index

Date	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
6/01	0	0	0	0	0	0	0	0	0	0	0	0
6/02	0	0	0	0	0	0	0	0	0	0	0	0
6/03	0	0	0	3	0	0	0	0	0	0	0	0
6/04	0	0	0	3	0	0	0	0	0	0	0	0
6/05	0	0	0	6	0	0	0	0	0	0	0	0
6/06	0	0	0	6	0	0	0	0	0	3	0	0
6/07	0	0	0	6	0	0	0	0	0	4	0	0
6/08	0	0	0	6	0	0	0	1	0	4	0	0
6/09	3	5	8	11	0	0	0	4	0	4	0	0
6/10	8	24	11	22	0	0	0	4	0	7	0	0
6/11	18	38	22	46	0	0	0	7	0	10	0	0
6/12	35	46	27	63	3	3	0	10	3	13	0	0
6/13	61	54	38	96	3	17	3	13	6	15	0	7
6/14	67	67	49	149	3	23	6	13	6	24	0	10
6/15	92	97	77	154	11	31	34	16	21	33	0	19
6/16	138	176	130	181	24	36	45	31	46	62	3	39
6/17	158	279	145	236	42	50	48	34	65	102	12	50
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	



## **ESCAPEMENT MONITORING**

### **ADF&G Projects**

*\*\*All projects are anticipated to be installed within 5 days of their target operational period\*\**

**Salmon River (Aniak):** Began counting fish on June 14<sup>th</sup>. No salmon have passed the weir.

**George River:** Fish tight on June 18<sup>th</sup>. First full day of fish counts to begin on June 19<sup>th</sup>.

**Tatlawiksuk River:** Install in progress. Should be fish tight by June 20<sup>th</sup>.

**Takotna River:** Install of the weir began on June 18<sup>th</sup>. Should be fish tight by June 24<sup>th</sup>.

**Kogrukluk River:** Install to begin on June 23<sup>rd</sup>. Should be fish tight by June 27<sup>th</sup>.

### **USF&WS Projects**

**Kwethluk River:** Install in progress.

**Tuluksak River:** Install in progress.