

# 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: 7/30/2014

Time: 1:30pm

Place: Bethel

Time Called to Order:

Chair: LaMont Albertson

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:** *the agenda may be amended at this time.*

**APPROVAL OF MINUTES:** *Optional. ADF&G does not prepare official meeting minutes.*

### **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

### **OLD BUSINESS:**

1. Presentation of BSFA proposed project: Capacity building workshops to support sustainable management of declined Kuskokwim Chinook Salmon - Joe Spaeder, BSFA staff.
2. Continued discussion of a Tier II permit system and other fishery management options for the Kuskokwim River.
3. Discussion of request for federal takeover of fisheries on the Kuskokwim River.
4. Request to meet with the State's Attorney General to address the inequitable allocation of salmon resources for subsistence users on the Kuskokwim River.
5. Consideration of a teleconferenced meeting in Kalskag, Aniak or a subsistence fisher's smoke house for an upcoming KRSMWG meeting.
6. Discussion of locating subsistence users downriver who would be willing to share their subsistence catch with upriver fishers who do not meet their needs.

### **NEW BUSINESS:**

1. Discussion on Kuskokwim Drainage exchange program.
2. 2014 Middle and Upper Kuskokwim River Subsistence Creel Survey.
3. Discussion on changing the KRSMWG meeting times.

### **COMMENTS FROM WORKING GROUP MEMBERS:**

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

## **Informational Packet**

### **Information Packets *ARE*:**

- **Intended to help inform Working Group discussions.**
- **To be viewed and used in context with Working Group meetings only.**

### **Packets *ARE NOT*:**

- **To be viewed as standalone documents.**
- **A final say on fisheries management decisions.**

### **Please use this information responsibly:**

Packet information is an incomplete snapshot of an ongoing discussion and changing conditions. Packet information should not be reproduced for any purpose other than to describe Working Group meeting discussions.

**Misuse** of Packet information can contribute to misunderstandings that can **cause harm to salmon users** and potentially **damage salmon resources**.

**Ask Questions:** ADF&G staff will be happy to answer biology and management questions. Please call **1-855-933-2433** to reach ADF&G Kuskokwim Area staff.

**Attend Meetings:** Each Working Group meeting is announced at least 48 hours prior to time and date of meeting. In addition, each meeting is recorded. Recordings can be found here:  
[http://www.adfg.alaska.gov/index.cfm?adfg=commercialbyarea\\_kuskokwim.kswg](http://www.adfg.alaska.gov/index.cfm?adfg=commercialbyarea_kuskokwim.kswg)

Viewing the information packet while listening to meetings/recordings will provide a better understanding of the information presented in this packet.

**Thank you.**

**Jennifer Peeks**

**Chris Shelden**

**Working Group coordinators**

# Informational Packet

## Kuskokwim Native Association – INSEASON SUBSISTENCE REPORT Week of: July 28, 2014

### KALSKAG

Families Surveyed	Families Fishing	Drift-nets	Set-nets	>6" Mesh	>4"-6" Mesh	4" or Less	Rod & Reel	Dipnet	Fish Wheel
8	7	6	1	0	6	1	0	0	0
		85%	15%	0	85%	15%	0%	0%	0%

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

### **Total Catch based on families surveyed**

CHINOOK	CHUM	SOCKEYE	Other
0	17	1	3COHO

**Harvester comments: Still waiting for silvers to arrive and will rely on them heavily to meet the village's subsistence needs.**

### ANIAK

Families Surveyed	Families Fishing	Drift-nets	Set-nets	>6" Mesh	>4"-6" Mesh	4" or Less	Rod & Reel	Dipnet	Fish Wheel
8	6	6	0	0	6	0	0	0	0
		100%	0%	0%	100%	0%	0%	0%	0%

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

### **Total Catch based on families surveyed**

CHINOOK	CHUM	SOCKEYE	Other
0	156	3	15COHO 1WF

**Harvester comments: 2 fishermen said they will be fishing up until freeze up to meet their subsistence needs, and one of those fishermen said he needs at least 5000 fish to meet his harvesting needs for winter.**

# Informational Packet

## CHUATHBALUK

Families Surveyed	Families Fishing	Drift-nets	Set-nets	>6" Mesh	>4"-6" Mesh	4" or Less	Rod & Reel	Dipnet	Fish Wheel
4	2	2	0	0	2	0	0	0	0
		100%	0%	0%	100%	0%	0%	0%	0%

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

### Total Catch based on families surveyed

CHINOOK	CHUM	SOCKEYE	Other
0	0	0	0

**Harvester comments: Waiting on silvers to hit the middle river.**

## NAPAIMUTE

Families Surveyed	Families Fishing	Drift-nets	Set-nets	>6" Mesh	>4"-6" Mesh	4" or Less	Rod & Reel	Dipnet	Fish Wheel
2	1	1	0	0	0	1	0	0	0
		100%	0%	0%	0%	100%	0%	0%	0%

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

### Total Catch based on families surveyed

CHINOOK	CHUM	SOCKEYE	Other
0	11	0	11WF 2PINK

**Harvester comments: Will harvest silvers for subsistence needs.**

## CROOKED CREEK

Families Surveyed	Families Fishing	Drift-nets	Set-nets	>6" Mesh	>4"-6" Mesh	4" or Less	Rod & Reel	Dipnet	Fish Wheel
3	2	1	0	0	1	0	0	1	0
		50%	0%	0%	50%	0%	0%	50%	0%

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

### Total Catch based on families surveyed

CHINOOK	CHUM	SOCKEYE	Other
0	0	0	1COHO

**Harvester comments: Will harvest silvers.**

# Informational Packet

## GEORGETOWN

Families Surveyed	Families Fishing	Drift-nets	Set-nets	>6" Mesh	>4"-6" Mesh	4" or Less	Rod & Reel	Dipnet	Fish Wheel
-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-

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

### Total Catch based on families surveyed

CHINOOK	CHUM	SOCKEYE	Other
-	-	-	-

**Harvester comments: No subsistence report for Georgetown.**

## RED DEVIL

Families Surveyed	Families Fishing	Drift-nets	Set-nets	>6" Mesh	>4"-6" Mesh	4" or Less	Rod & Reel	Dipnet	Fish Wheel
1	1	1	0	0	1	0	0	0	0
		100%	0%	0%	100%	0%	0%	0%	0%

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

### Total Catch based on families surveyed

CHINOOK	CHUM	SOCKEYE	Other
0	0	0	0

**Harvester comments: None.**

## SLEETMUTE

Families Surveyed	Families Fishing	Drift-nets	Set-nets	>6" Mesh	>4"-6" Mesh	4" or Less	Rod & Reel	Dipnet	Fish Wheel
4	4	1	3	0	4	0	0	0	0
		25%	75%	0%	100%	0%	0%	0%	0%

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

### Total Catch based on families surveyed

CHINOOK	CHUM	SOCKEYE	Other
0	52	11	1PINK 4SH 3WF

**Harvester comments: Will rely on silvers for subsistence harvest needs.**

# Informational Packet

## STONY RIVER

Families Surveyed	Families Fishing	Drift-nets	Set-nets	>6" Mesh	>4"-6" Mesh	4" or Less	Rod & Reel	Dipnet	Fish Wheel
2	1	0	1	0	0	1	0	0	0
		0%	100%	0%	0%	100%	0%	0%	0%

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

### Total Catch based on families surveyed

CHINOOK	CHUM	SOCKEYE	Other
0	15	5	5WF

**Harvester comments: None.**

## LIME VILLAGE

Families Surveyed	Families Fishing	Drift-nets	Set-nets	>6" Mesh	>4"-6" Mesh	4" or Less	Rod & Reel	Dipnet	Fish Wheel
2	1	0	0	0	0	0	1	0	0
		0%	0%	0%	0%	0%	100%	0%	0%

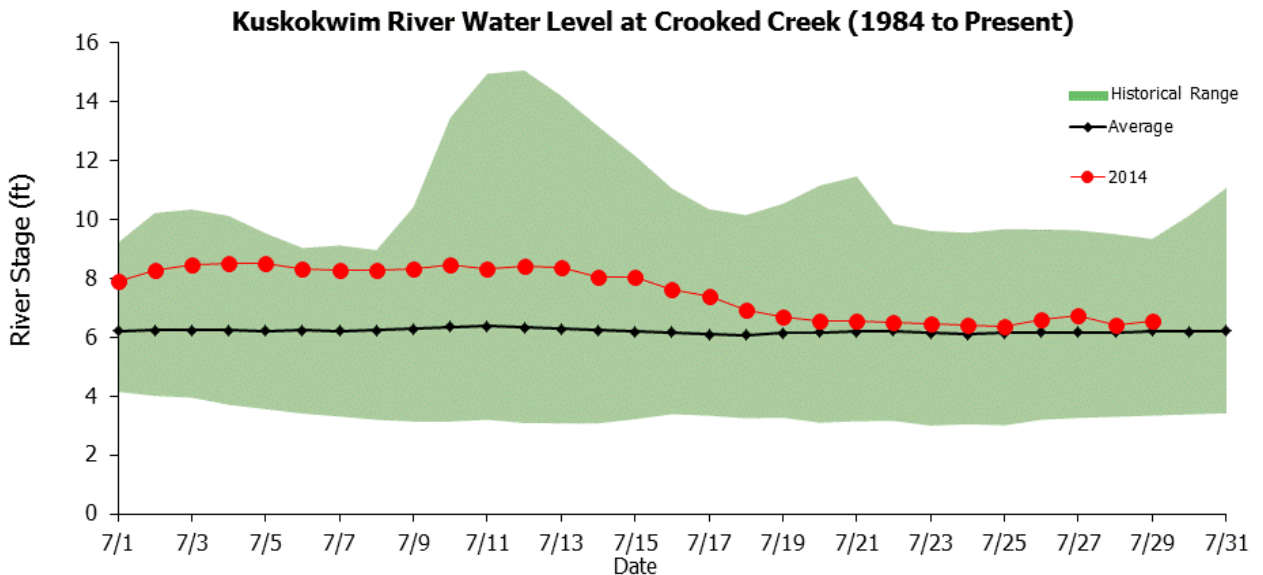
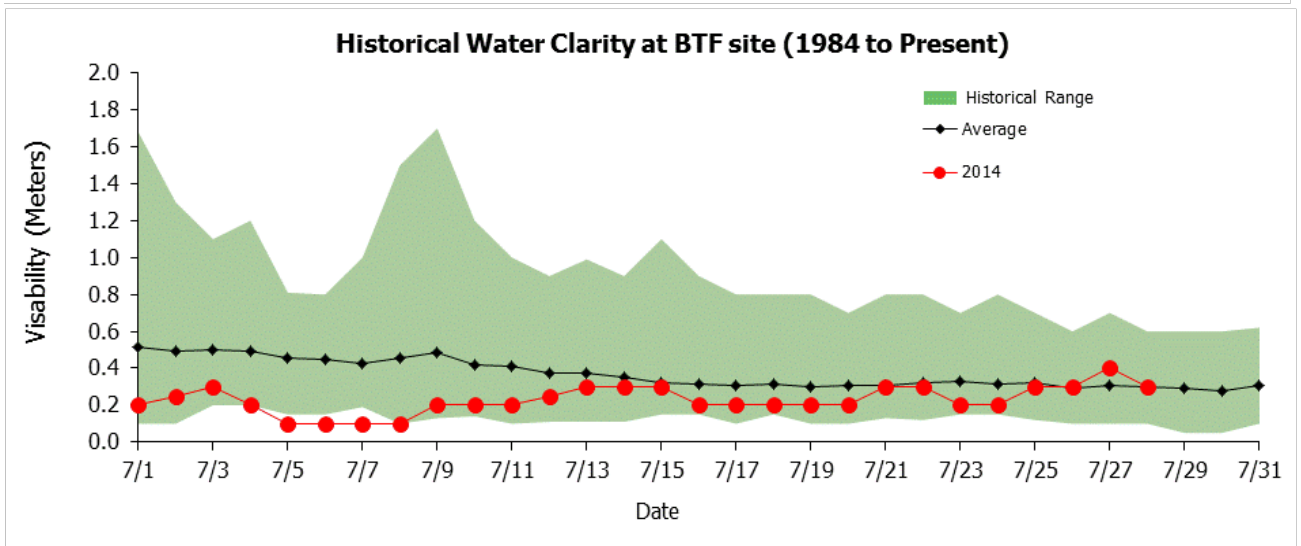
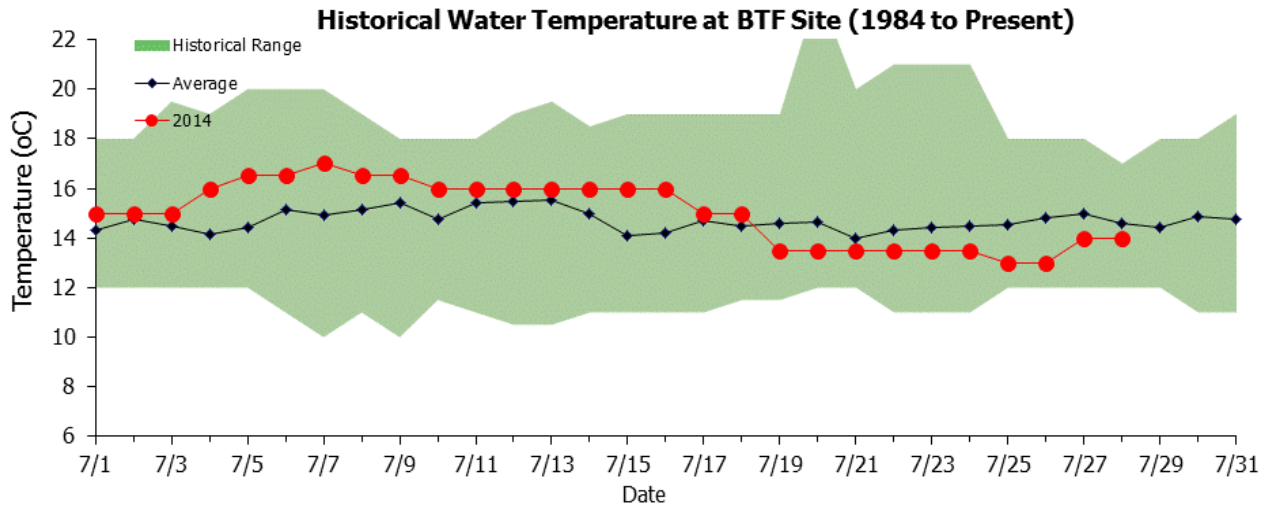
Percentages are based on the number of families fishing each week.

### Total Catch based on families surveyed

CHINOOK	CHUM	SOCKEYE	Other
0	0	0	4GR 2DV

**Harvester comments: None.**

# Informational Packet



# Informational Packet

## Chinook Salmon Cumulative CPUE Index, Bethel Test Fishery

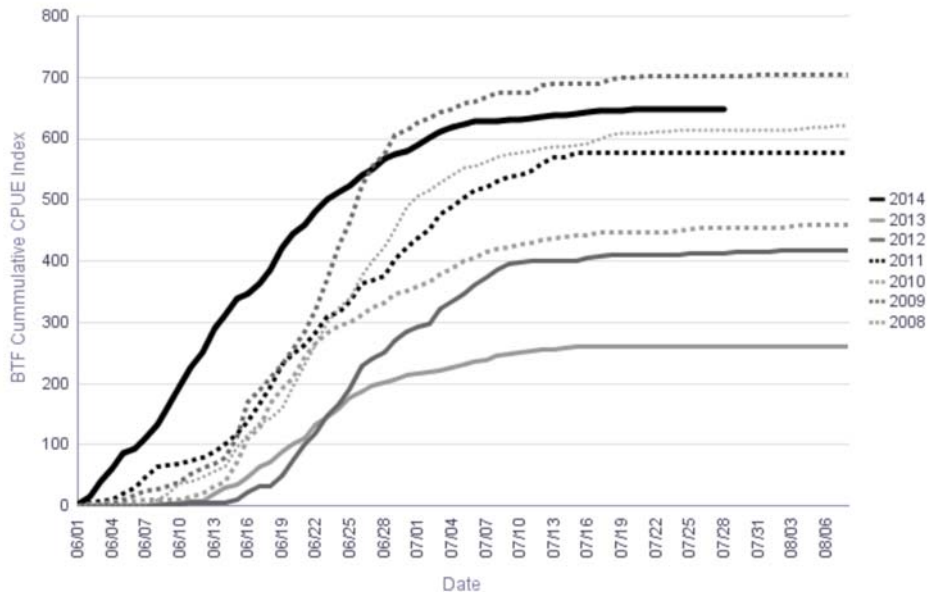
### Bethel Test Fishery Chinook Salmon Cumulative CPUE Index

\*\*2014 data are PRELIMINARY and not comparable to previous years due to subsistence fishing restrictions. \*\*

Date	CPUE						
	2008	2009	2010	2011	2012	2013	2014
07/20	608	700	447	577	409	261	648
07/21	608	702	447	577	409	261	648
07/22	611	702	447	577	411	261	648
07/23	611	702	447	577	411	261	648
07/24	613	702	449	577	411	261	648
07/25	613	702	451	577	413	261	648
07/26	613	702	453	577	413	261	648
07/27	613	702	453	577	413	261	648
07/28	613	702	453	577	413	261	648
07/29	613	702	453	577	414	261	
07/30	613	702	453	577	414	261	
07/31	613	705	453	577	414	261	
08/01	613	705	453	577	414	261	
08/02	613	705	455	577	417	261	
08/03	613	705	457	577	418	261	
08/04	616	705	458	577	418	261	
08/05	619	705	458	577	418	261	
08/06	619	705	458	577	418	261	
08/07	621	705	458	577	418	261	
08/08	621	705	458	577	418	261	

	2008	2009	2010	2011	2012	2013	2014
Season Total	621	705	458	579	418	261	

**Chinook Salmon Cumulative CPUE Index Chart**



**Resulting escapement relative to New Kuskokwim River SEG (65,000 - 120,000)**

- 2008 - Achieved (+) no restrictions
- 2009 - Achieved (+) no restrictions
- 2010 - Not Achieved (-) late tributary restrictions
- 2011 - Achieved (+) 15 days restrictions, minor reduction to subsistence harvest
- 2012 - Achieved (+) 35 days restrictions, significant reduction to subsistence harvest
- 2013 - Not Achieved (-) tributary restrictions and late main stem restrictions, significant reduction to subsistence harvest



# Informational Packet

## Chum Salmon Cumulative CPUE Index, Bethel Test Fishery

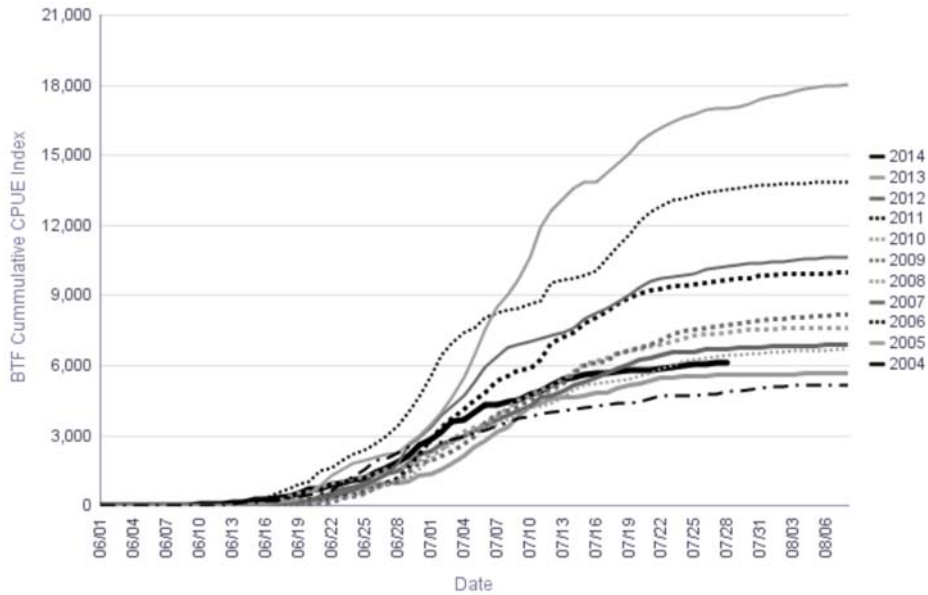
### Bethel Test Fishery Chum Salmon Cumulative CPUE Index

\*\*2014 data are PRELIMINARY and not comparable  
to previous years due to subsistence fishing restrictions. \*\*

Date	CPUE										
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/20	4,470	15,560	12,182	9,336	5,516	6,743	6,689	9,068	6,241	5,249	5,804
07/21	4,598	15,901	12,550	9,613	5,698	6,896	6,839	9,199	6,348	5,366	5,832
07/22	4,681	16,177	12,848	9,755	5,898	7,121	6,912	9,302	6,437	5,462	5,871
07/23	4,700	16,444	13,079	9,782	6,028	7,320	7,037	9,393	6,544	5,505	5,937
07/24	4,703	16,598	13,119	9,876	6,176	7,491	7,175	9,417	6,577	5,535	5,992
07/25	4,714	16,775	13,286	9,955	6,247	7,528	7,257	9,483	6,607	5,571	6,040
07/26	4,758	16,969	13,422	10,090	6,325	7,582	7,333	9,570	6,678	5,576	6,078
07/27	4,796	17,011	13,483	10,189	6,354	7,681	7,368	9,625	6,715	5,587	6,111
07/28	4,884	17,031	13,549	10,259	6,431	7,762	7,422	9,649	6,728	5,601	6,136
07/29	4,934	17,093	13,618	10,296	6,459	7,811	7,510	9,714	6,745	5,615	
07/30	4,979	17,211	13,677	10,359	6,502	7,850	7,546	9,757	6,769	5,615	
07/31	5,028	17,368	13,723	10,390	6,530	7,926	7,556	9,833	6,792	5,615	
08/01	5,083	17,523	13,748	10,416	6,585	7,981	7,569	9,862	6,807	5,618	
08/02	5,102	17,599	13,762	10,439	6,601	8,017	7,582	9,895	6,826	5,627	
08/03	5,132	17,690	13,788	10,522	6,614	8,050	7,591	9,906	6,848	5,642	
08/04	5,140	17,827	13,815	10,560	6,624	8,088	7,600	9,920	6,856	5,657	
08/05	5,147	17,916	13,833	10,582	6,642	8,116	7,611	9,937	6,865	5,677	
08/06	5,150	17,949	13,852	10,609	6,660	8,148	7,620	9,952	6,868	5,687	
08/07	5,161	17,998	13,872	10,613	6,677	8,168	7,627	9,980	6,871	5,689	
08/08	5,177	18,038	13,883	10,620	6,685	8,177	7,631	9,993	6,873	5,694	

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total	5,257	18,192	13,927	10,655	6,749	8,257	7,655	10,028	6,894	5,739	

Bethel Test Fishery, Chum Salmon Cumulative CPUE thru 08/08



# Informational Packet

## Sockeye Salmon Cumulative CPUE Index, Bethel Test Fishery

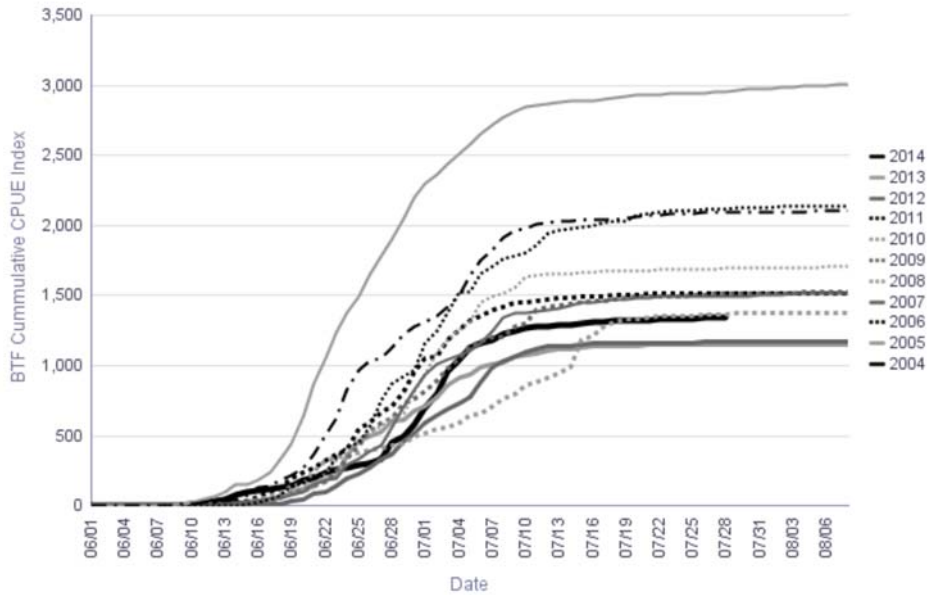
### Bethel Test Fishery Sockeye Salmon Cumulative CPUE Index

\*\*2014 data are PRELIMINARY and not comparable  
to previous years due to subsistence fishing restrictions. \*\*

Date	CPUE										
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/20	2,059	2,931	2,073	1,486	1,680	1,489	1,334	1,509	1,163	1,143	1,323
07/21	2,071	2,934	2,078	1,486	1,680	1,492	1,347	1,511	1,163	1,146	1,323
07/22	2,074	2,936	2,090	1,489	1,685	1,492	1,349	1,511	1,163	1,146	1,328
07/23	2,079	2,940	2,106	1,489	1,687	1,494	1,351	1,511	1,165	1,146	1,334
07/24	2,084	2,940	2,108	1,490	1,687	1,496	1,356	1,511	1,165	1,146	1,334
07/25	2,084	2,940	2,110	1,495	1,689	1,502	1,358	1,511	1,165	1,146	1,335
07/26	2,091	2,944	2,112	1,495	1,691	1,507	1,363	1,511	1,166	1,146	1,341
07/27	2,091	2,953	2,116	1,495	1,691	1,510	1,367	1,511	1,168	1,146	1,347
07/28	2,091	2,955	2,120	1,495	1,694	1,512	1,369	1,511	1,168	1,148	1,347
07/29	2,091	2,964	2,124	1,498	1,696	1,513	1,371	1,511	1,170	1,148	
07/30	2,091	2,972	2,126	1,498	1,696	1,513	1,373	1,511	1,170	1,148	
07/31	2,091	2,976	2,128	1,501	1,696	1,513	1,373	1,511	1,170	1,148	
08/01	2,091	2,978	2,130	1,506	1,696	1,513	1,373	1,511	1,170	1,148	
08/02	2,091	2,983	2,136	1,508	1,696	1,513	1,373	1,511	1,170	1,148	
08/03	2,096	2,987	2,136	1,510	1,698	1,515	1,373	1,511	1,170	1,148	
08/04	2,099	2,990	2,136	1,512	1,700	1,520	1,373	1,515	1,170	1,148	
08/05	2,103	2,997	2,138	1,514	1,702	1,520	1,373	1,515	1,171	1,148	
08/06	2,103	2,999	2,139	1,516	1,709	1,520	1,373	1,515	1,171	1,148	
08/07	2,103	3,004	2,139	1,516	1,709	1,520	1,373	1,515	1,171	1,148	
08/08	2,103	3,008	2,139	1,516	1,709	1,520	1,373	1,516	1,171	1,148	

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total	2,107	3,019	2,139	1,521	1,713	1,520	1,375	1,518	1,171	1,148	

Bethel Test Fishery, Sockeye Salmon Cumulative CPUE thru 08/08



# Informational Packet

## Coho Salmon Cumulative CPUE Index, Bethel Test Fishery

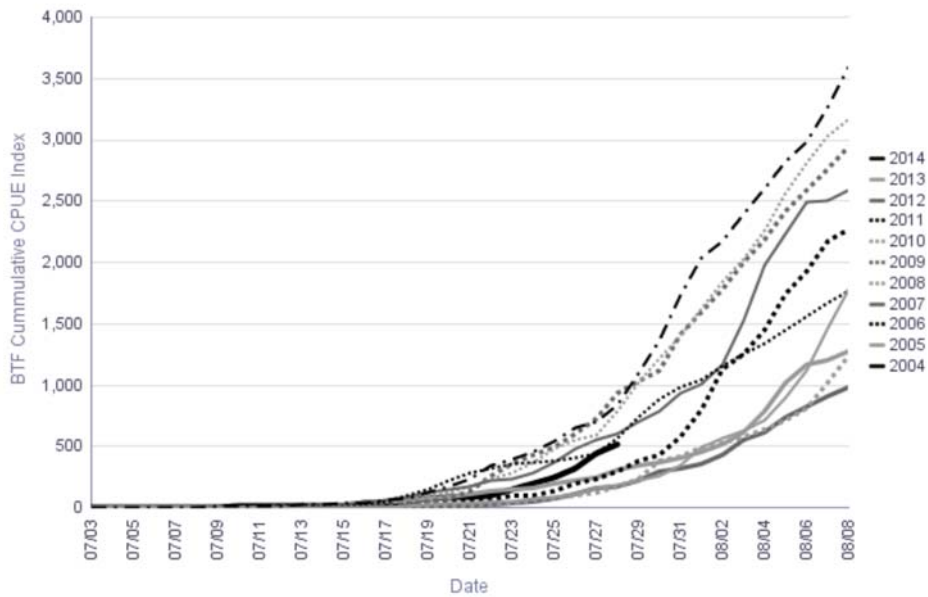
### Bethel Test Fishery Coho Salmon Cumulative CPUE Index

\*\*2014 data are PRELIMINARY and not comparable  
to previous years due to subsistence fishing restrictions. \*\*

Date	CPUE										
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/20	177	42	227	150	128	79	8	50	11	90	83
07/21	232	44	281	170	168	140	14	60	14	111	90
07/22	341	51	321	221	231	264	31	68	21	131	102
07/23	389	57	352	237	286	355	42	95	36	148	154
07/24	452	75	365	288	366	436	66	106	55	167	192
07/25	544	91	383	370	480	491	81	142	81	195	252
07/26	650	111	409	480	550	605	105	200	118	221	324
07/27	697	157	446	552	596	720	126	240	163	244	446
07/28	833	186	564	606	786	931	173	296	173	309	512
07/29	1,098	220	743	698	1,021	1,037	231	378	227	350	
07/30	1,360	263	886	791	1,217	1,112	376	437	294	371	
07/31	1,725	345	985	937	1,394	1,418	424	578	315	408	
08/01	2,039	487	1,047	1,009	1,617	1,593	491	801	354	455	
08/02	2,178	561	1,158	1,172	1,838	1,777	534	1,125	432	515	
08/03	2,394	623	1,250	1,520	2,030	2,000	583	1,251	559	617	
08/04	2,605	716	1,344	1,976	2,254	2,190	636	1,453	620	785	
08/05	2,824	893	1,447	2,234	2,560	2,418	716	1,748	743	1,019	
08/06	2,987	1,113	1,560	2,491	2,807	2,594	807	1,931	828	1,164	
08/07	3,261	1,467	1,668	2,506	3,032	2,761	1,015	2,175	906	1,208	
08/08	3,600	1,784	1,767	2,590	3,164	2,946	1,245	2,274	986	1,277	

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total	7,183	3,680	3,163	3,329	5,497	4,495	2,029	3,231	2,439	2,857	

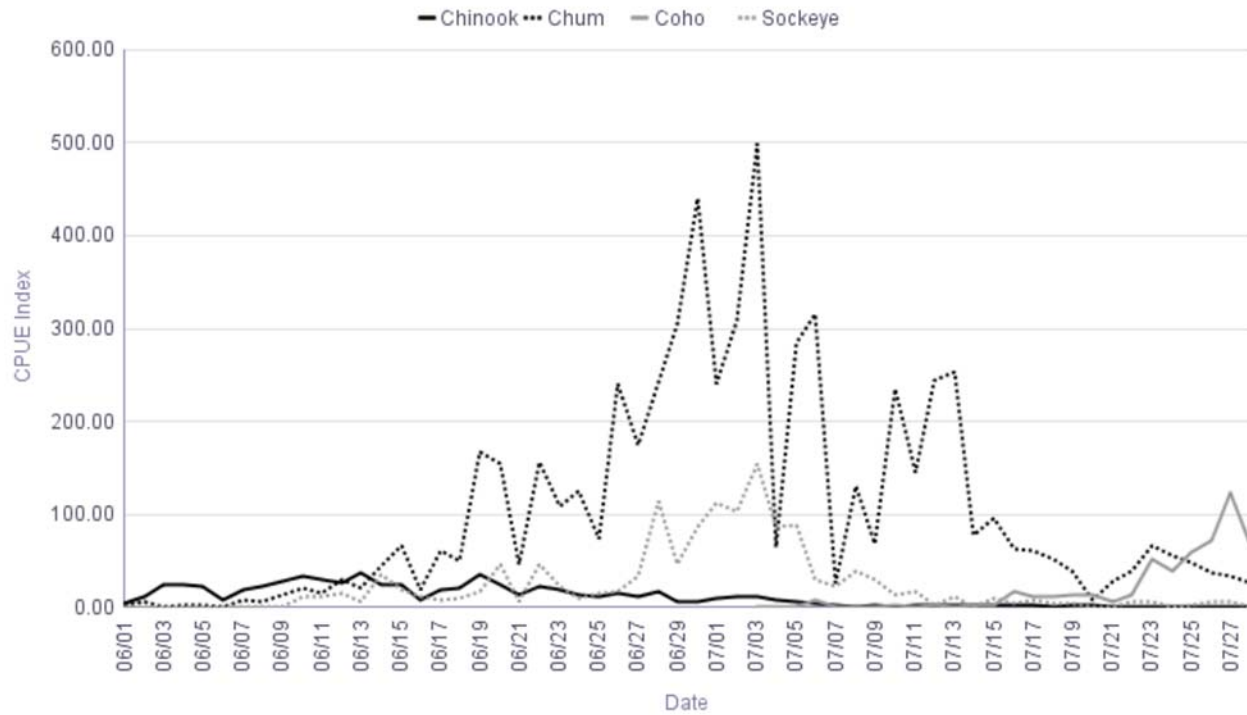
Bethel Test Fishery, Coho Salmon Cumulative CPUE thru 08/08



# Informational Packet

Bethel Test Fishery  
Daily CPUE  
2014

All Species



# Informational Packet

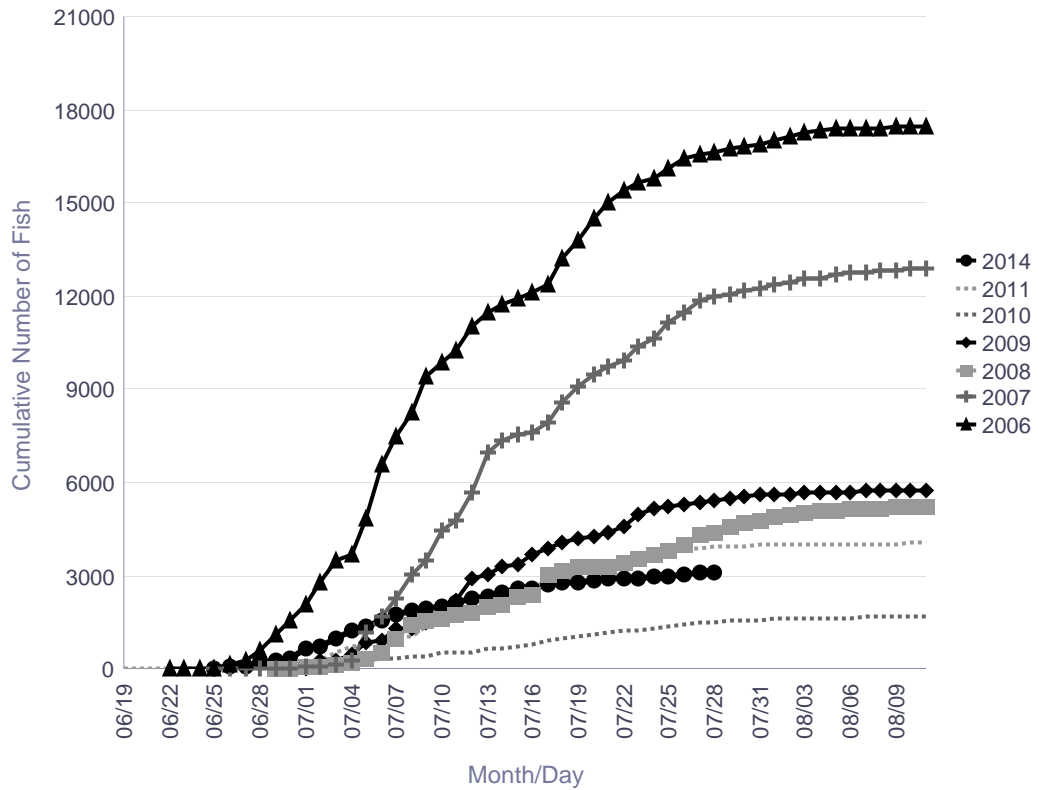
## Kwethluk River Salmon Monitoring Project Cumulative Daily Passage of Chinook Salmon

Cumulative Daily Passage										
Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/26		16,401	11,478	4,029	5,291	1,428	3,847			3,052
07/27		16,561	11,842	4,340	5,366	1,472	3,877			3,069
07/28		16,645	11,988	4,401	5,428	1,522	3,922			3,075
07/29		<u>16,768</u>	<u>12,072</u>	<u>4,599</u>	<u>5,494</u>	<u>1,552</u>	<u>3,956</u>			
07/30		16,793	12,151	4,705	5,555	1,572	3,968			
07/31		16,861	12,250	4,776	5,586	1,578	3,971			
08/01		16,977	12,360	4,896	5,618	1,596	3,982			
08/02		17,110	12,460	4,999	5,634	1,617	3,992			

Escapement Goal Range: 4,100 to 7,500  
Highlighted years below are when escapement goal was achieved or exceeded.

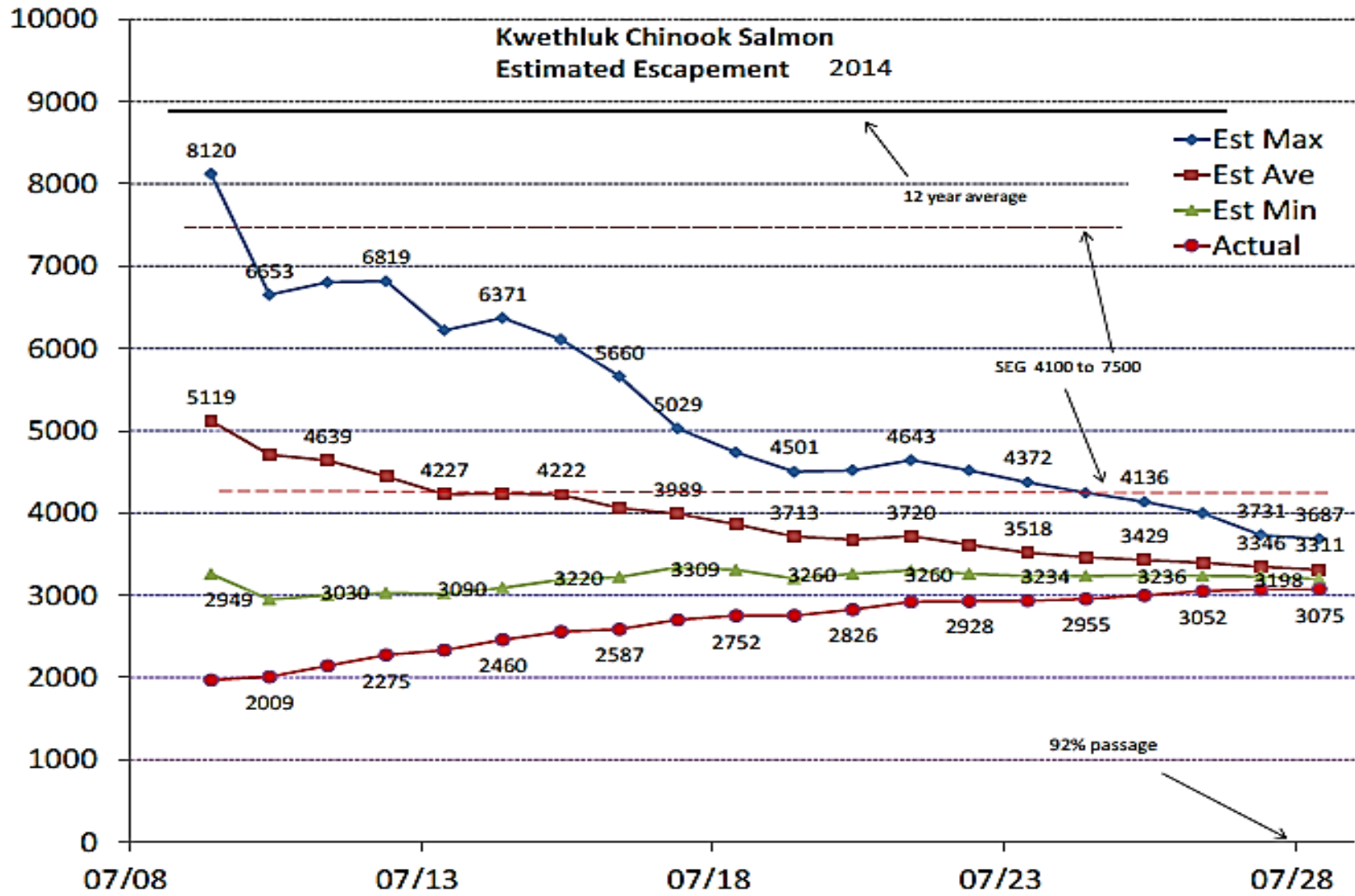
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total		<u>17,619</u>	<u>12,927</u>	<u>5,276</u>	<u>5,744</u>	1,668	4,079			

### Kwethluk River Chinook



There are no comments for the past three days.

# Informational Packet



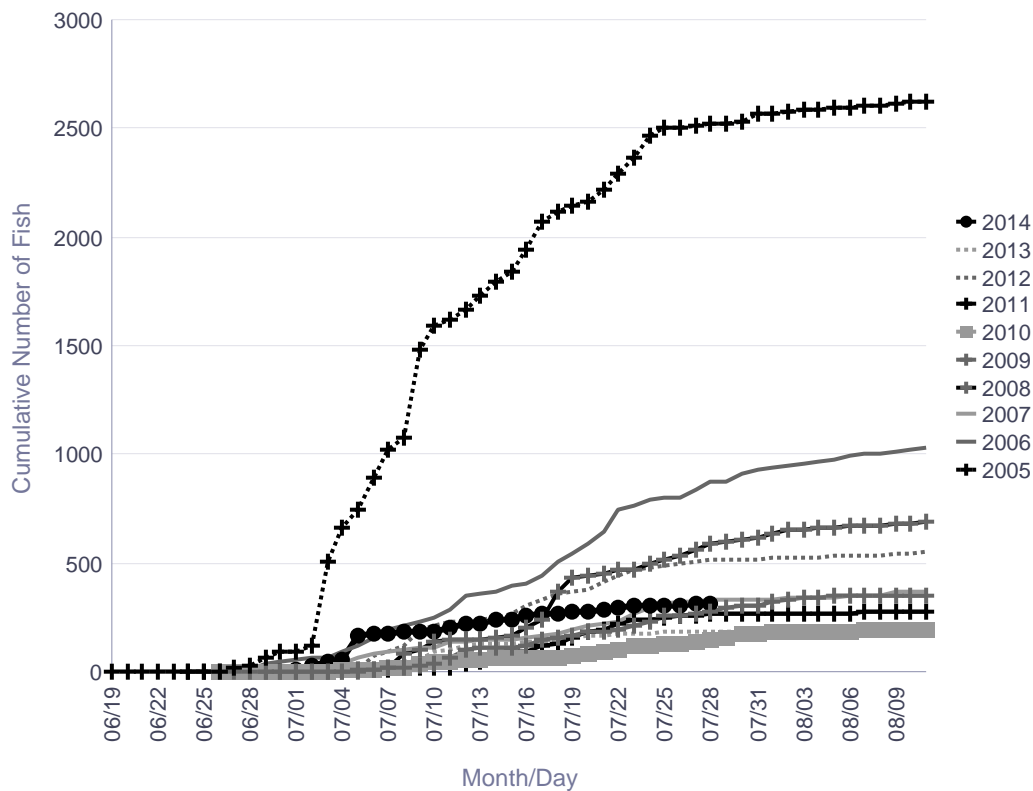
# Informational Packet

## Tuluksak River Salmon Monitoring Project Cumulative Daily Passage of Chinook Salmon

Cumulative Daily Passage										
Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/26	2,507	806	320	536	263	132	260	496	181	309
07/27	2,508	839	325	563	265	137	262	504	181	311
07/28	2,521	877	328	586	280	153	265	514	183	311
07/29	<u>2,524</u>	<u>879</u>	<u>330</u>	<u>598</u>	<u>299</u>	<u>162</u>	<u>268</u>	<u>518</u>	<u>183</u>	
07/30	2,531	910	333	609	304	173	268	518	185	
07/31	2,565	931	334	620	306	179	268	519	185	
08/01	2,569	935	337	634	321	181	269	524	185	
08/02	2,574	949	338	652	329	183	269	526	185	

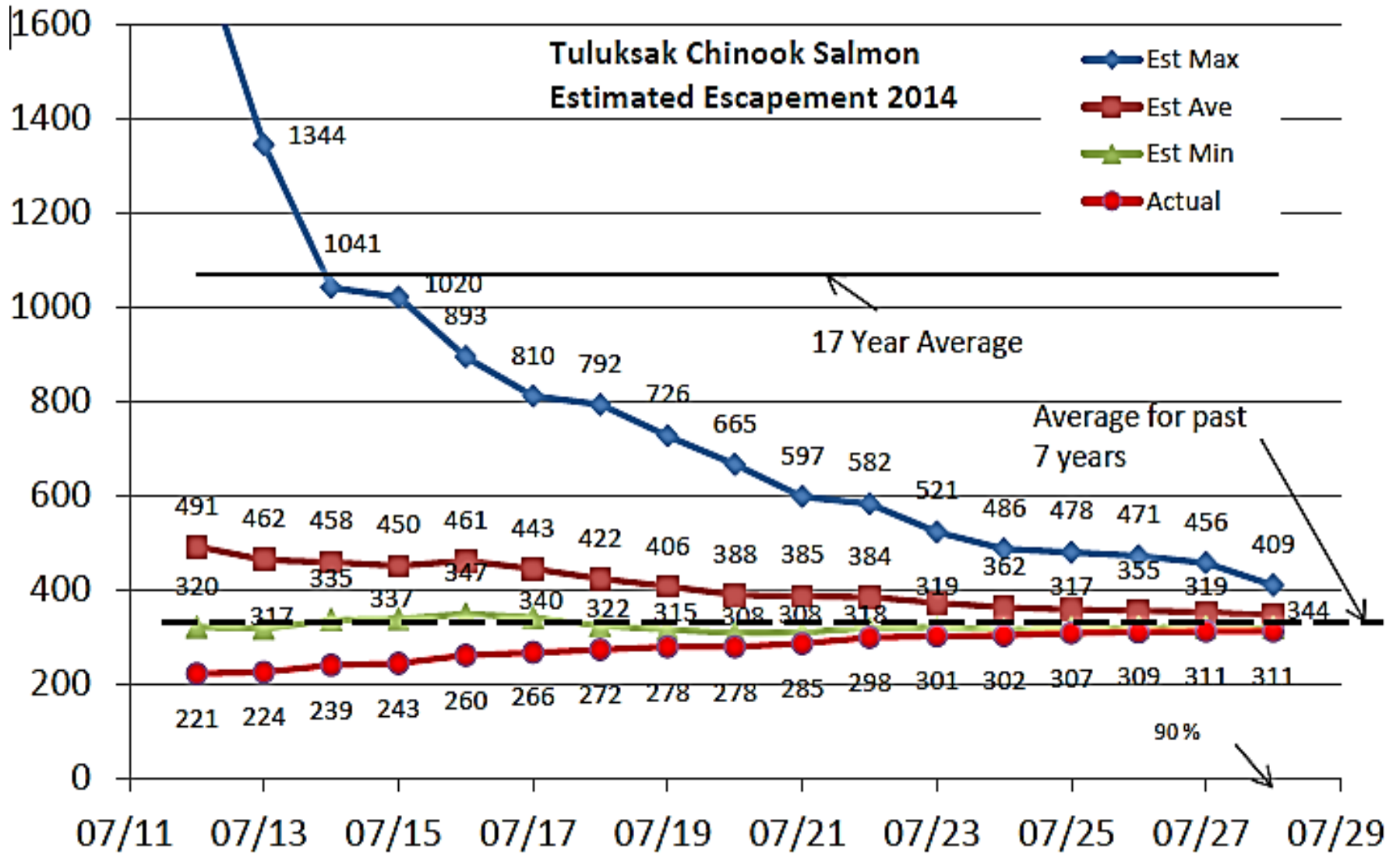
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total	2,653	1,043	374	701	362	201	284	560	193	

### Tuluksak River Chinook



There are no comments for the past three days.

# Informational Packet





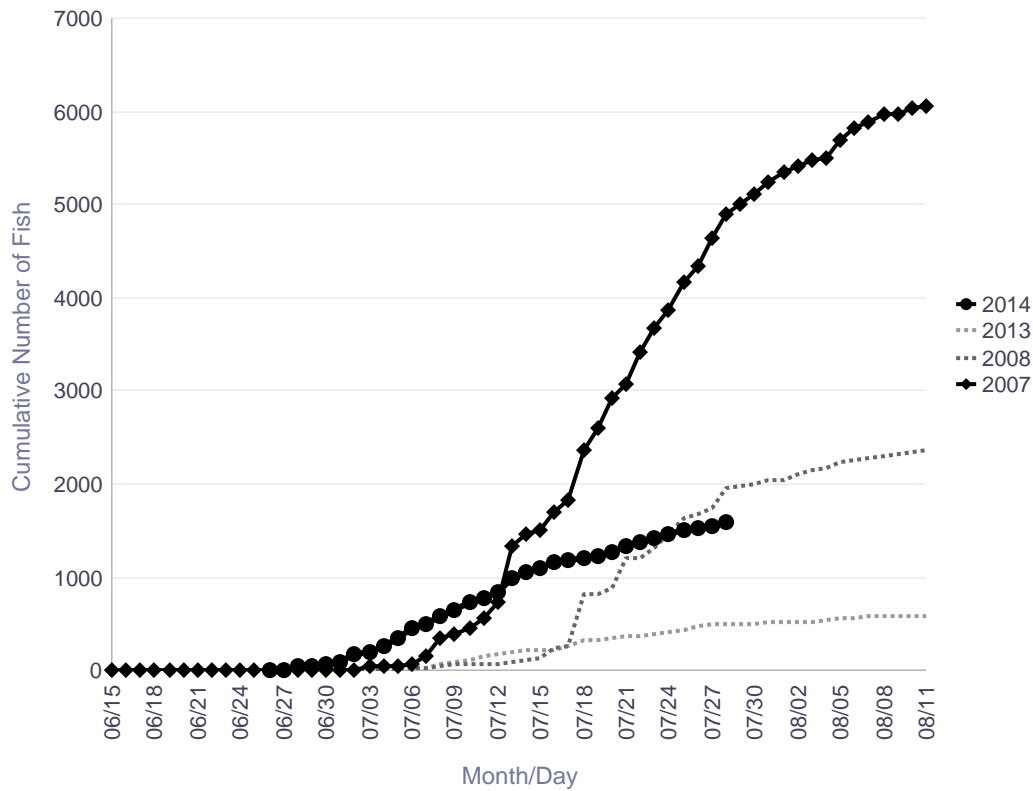
# Informational Packet

## Salmon River (Aniak) Weir Historical Cumulative Daily Passage of Chinook Salmon

	Cumulative Daily Passage									
Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/26			4,332	1,676					470	1,532
07/27			4,642	1,736					487	1,557
07/28			4,895	1,952					491	1,584
07/29			4,996	1,971					498	
07/30			5,116	1,995					504	
07/31			5,243	2,036					509	
08/01			5,338	2,051					513	
08/02			5,409	2,108					518	

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total			6,220	2,376					598	

### Salmon River (Aniak) Chinook



Date	Comments
7/26/2014	Partial day. Weir open for 1.5 hours.

# Informational Packet

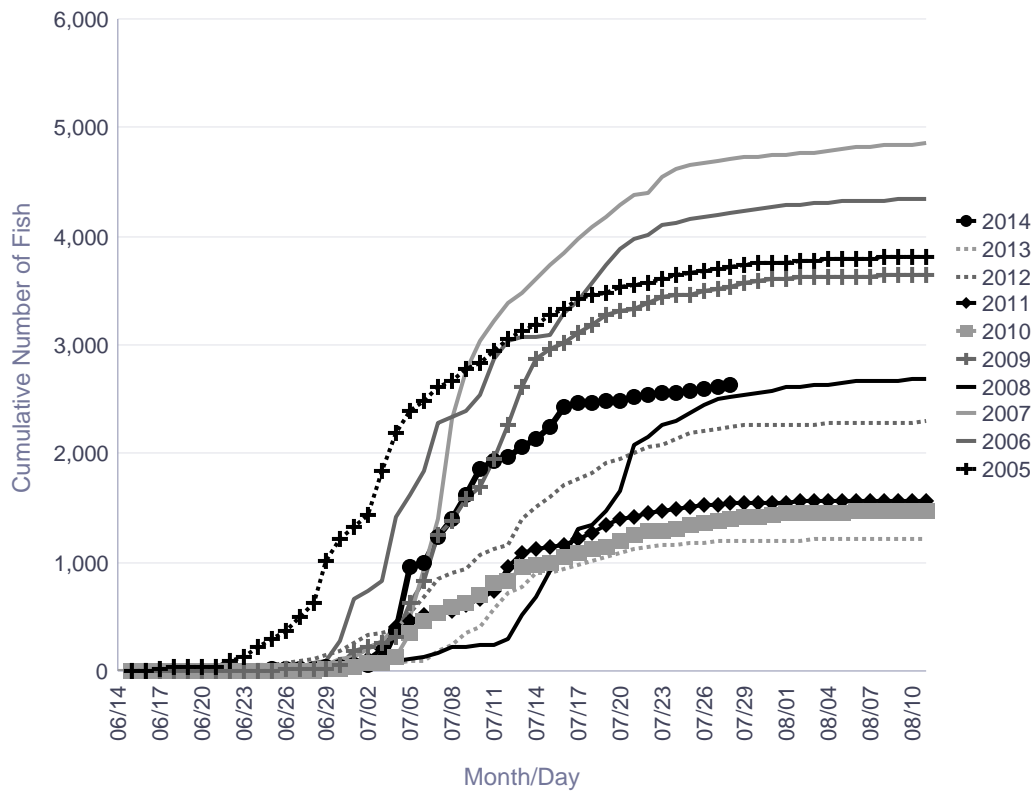
## George River Weir Historical Cumulative Daily Passage of Chinook Salmon

	Cumulative Daily Passage									
Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/26	3,678	4,170	4,684	2,451	3,502	1,366	1,528	2,211	1,187	2,594
07/27	3,700	4,195	4,698	2,507	3,508	1,375	1,535	2,237	1,191	2,620
07/28	3,719	4,214	4,719	2,527	3,539	1,402	1,540	2,253	1,199	2,628
07/29	<u>3,734</u>	<u>4,242</u>	<u>4,730</u>	<u>2,541</u>	<u>3,579</u>	<u>1,415</u>	<u>1,546</u>	<u>2,257</u>	<u>1,200</u>	
07/30	3,748	4,253	4,736	2,554	3,582	1,420	1,551	2,261	1,202	
07/31	3,754	4,267	4,740	2,572	3,603	1,437	1,553	2,267	1,203	
08/01	3,763	4,284	4,746	2,607	3,616	1,449	1,557	2,267	1,206	
08/02	3,770	4,289	4,759	2,621	3,622	1,453	1,558	2,269	1,207	

Escapement Goal Range: 1,800 to 3,300  
 Highlighted years below are when escapement goal was achieved or exceeded.

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total	<u>3,845</u>	<u>4,355</u>	<u>4,883</u>	<u>2,698</u>	<u>3,663</u>	1,500	1,571	<u>2,302</u>	1,219	

### George River Chinook



There are no comments for the past three days.

# Informational Packet

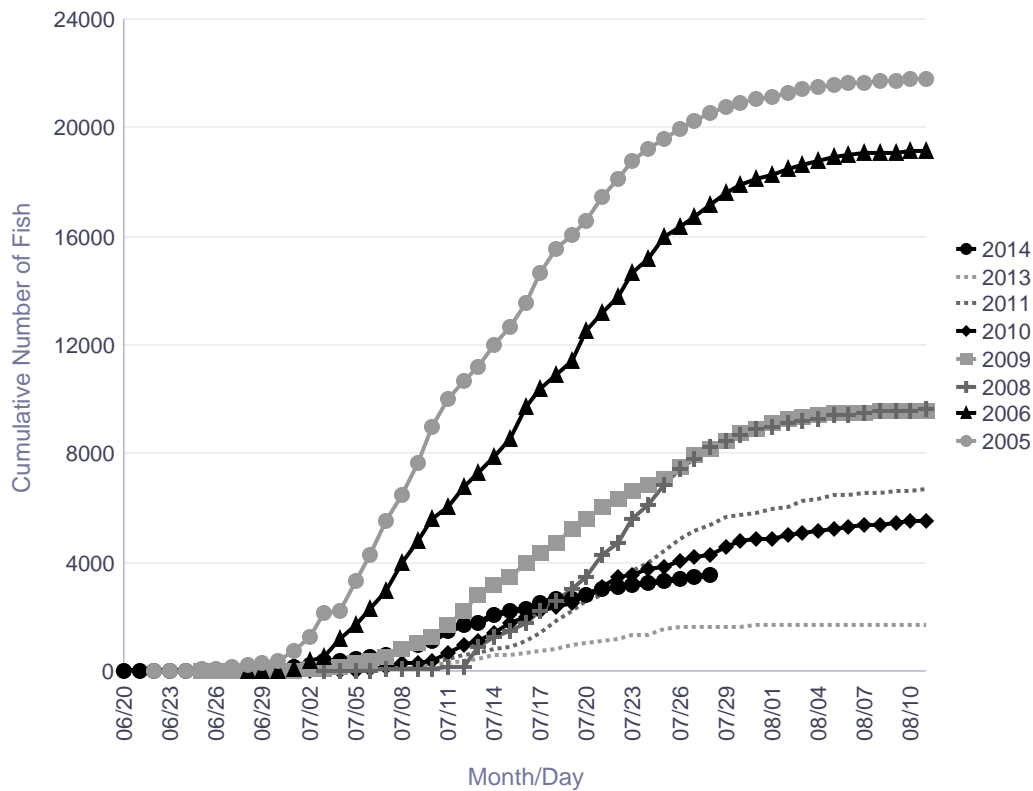
## Kogrukluk River Weir Historical Cumulative Daily Passage of Chinook Salmon

Cumulative Daily Passage										
Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/26	19,949	16,371		7,449	7,540	4,061	4,858		1,618	3,411
07/27	20,222	16,721		7,810	7,956	4,185	5,161		1,637	3,485
07/28	20,542	17,166		8,221	8,193	4,305	5,391		1,643	3,543
07/29	<u>20,777</u>	<u>17,584</u>		<u>8,507</u>	<u>8,481</u>	<u>4,568</u>	<u>5,676</u>		<u>1,644</u>	
07/30	20,944	17,858		8,687	8,731	4,788	5,771		1,655	
07/31	21,076	18,107		8,880	8,943	4,868	5,843		1,667	
08/01	21,157	18,293		9,002	9,117	4,876	5,959		1,677	
08/02	21,288	18,462		9,122	9,253	4,994	6,069		1,681	

Escapement Goal Range: 4,800 to 8,800  
 Highlighted years below are when escapement goal was achieved or exceeded.

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total	<u>21,999</u>	<u>19,414</u>		<u>9,730</u>	<u>9,701</u>	<u>5,693</u>	<u>6,890</u>		1,772	

### Kogrukluk River Chinook



There are no comments for the past three days.

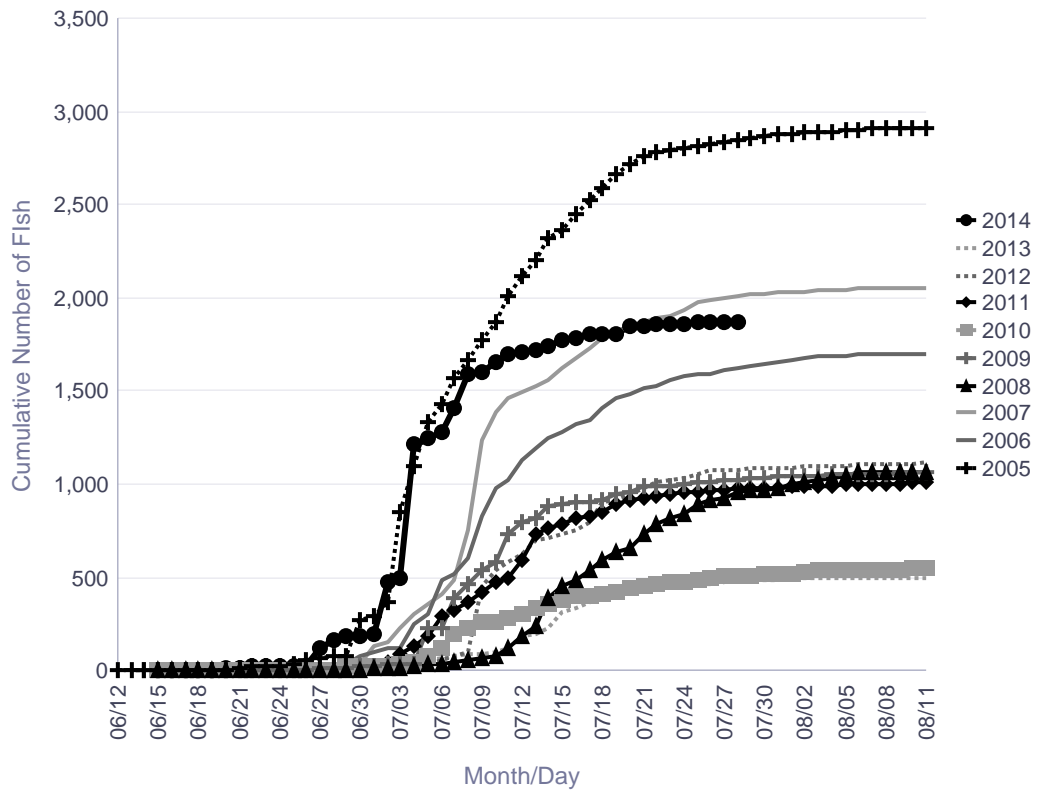
# Informational Packet

## Tatlawiksuk River Weir Historical Cumulative Daily Passage of Chinook Salmon

	Cumulative Daily Passage									
Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/26	2,827	1,591	1,989	917	1,014	495	964	1,070	465	1,868
07/27	2,832	1,611	2,000	926	1,017	501	969	1,072	478	1,871
07/28	2,844	1,619	2,011	953	1,024	507	973	1,079	484	1,874
07/29	2,858	1,636	2,017	964	1,032	508	978	1,081	485	
07/30	2,870	1,647	2,022	972	1,036	512	980	1,085	485	
07/31	2,878	1,657	2,027	983	1,039	514	981	1,085	485	
08/01	2,881	1,668	2,031	997	1,041	518	985	1,090	490	
08/02	2,888	1,676	2,034	1,012	1,044	528	987	1,094	491	

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total	2,920	1,700	2,061	1,071	1,071	569	1,014	1,116	495	

### Tatlawiksuk River Chinook



There are no comments for the past three days.

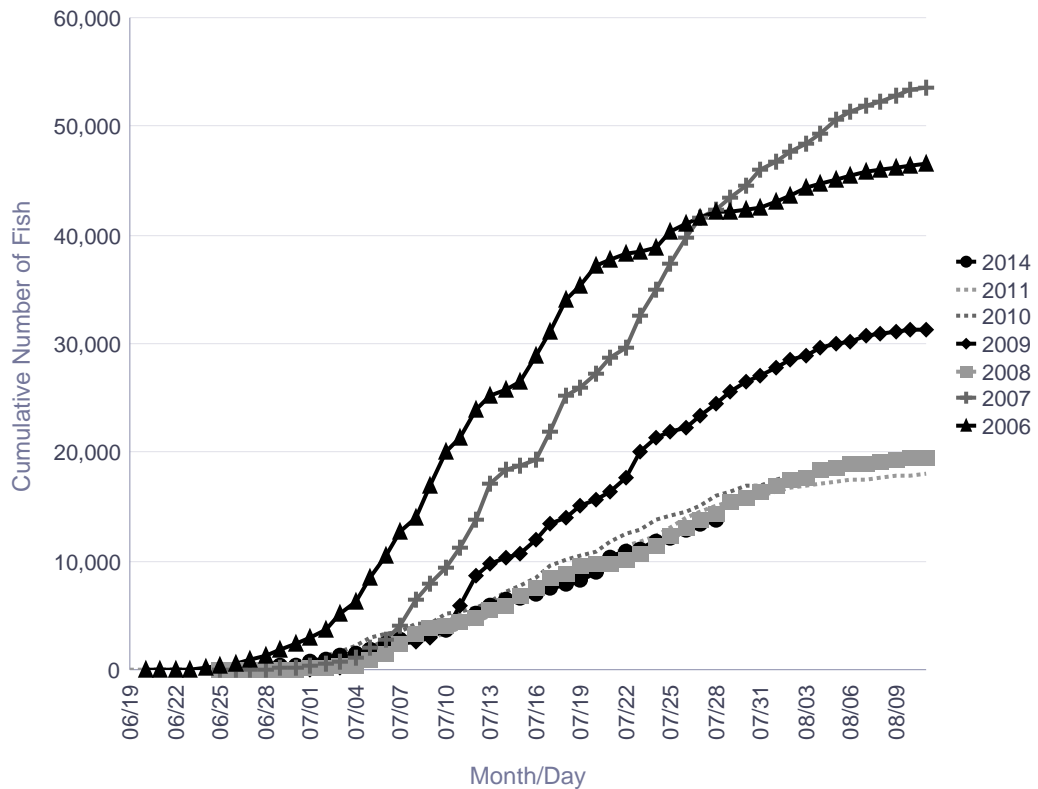
# Informational Packet

## Kwethluk River Salmon Monitoring Project Cumulative Daily Passage of Chum Salmon

Cumulative Daily Passage										
Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/26		41,025	39,797	13,134	22,284	14,598	13,924			12,833
07/27		41,681	41,597	13,783	23,409	15,127	14,601			13,495
07/28		42,066	42,419	14,392	24,452	16,008	15,158			13,849
07/29		<u>42,230</u>	<u>43,514</u>	<u>15,420</u>	<u>25,516</u>	<u>16,466</u>	<u>15,555</u>			
07/30		42,293	44,489	15,811	26,461	16,909	15,844			
07/31		42,487	46,067	16,370	26,984	17,036	16,009			
08/01		43,000	46,805	16,915	27,844	17,426	16,423			
08/02		43,614	47,653	17,483	28,470	17,860	16,834			

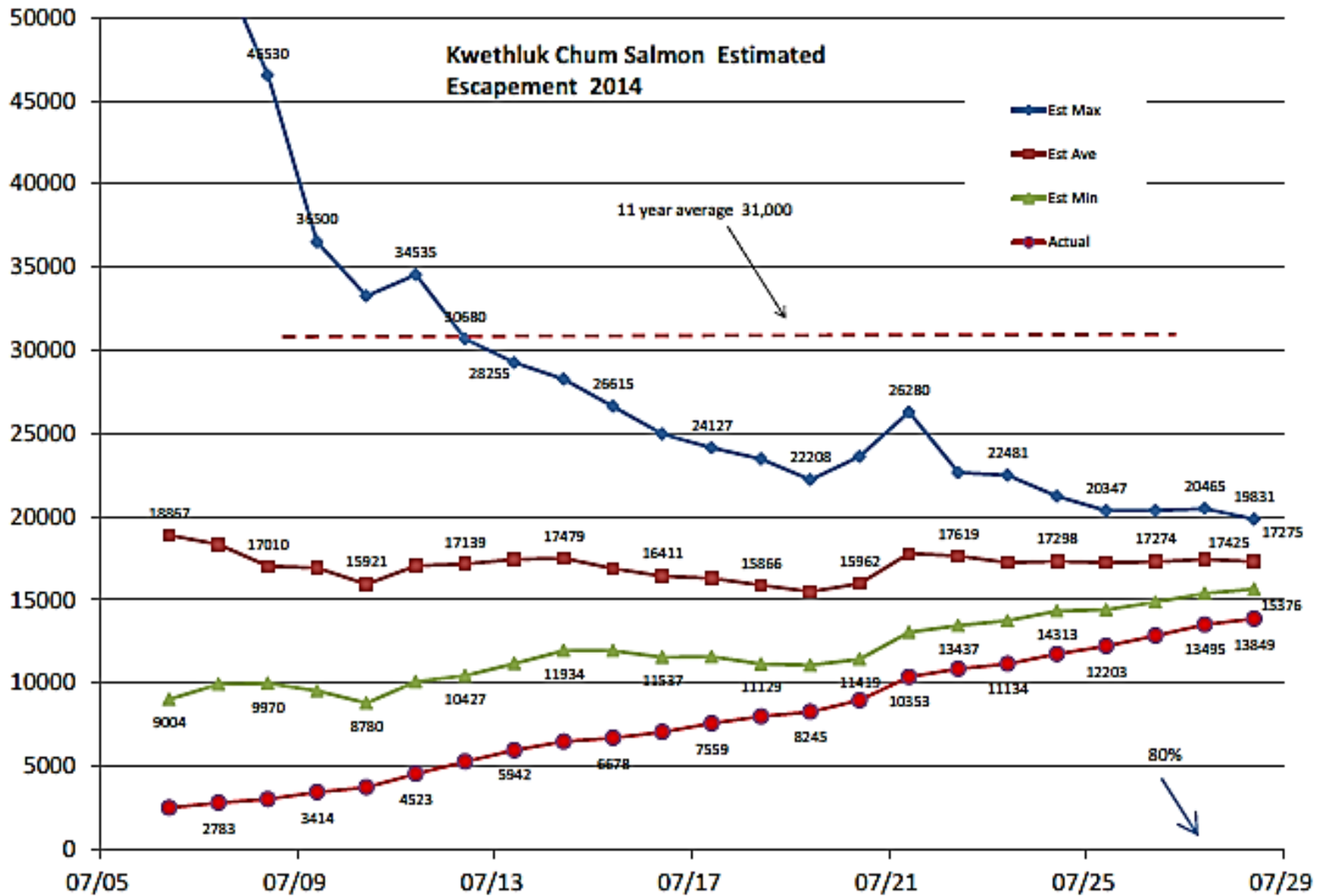
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total		47,491	54,913	20,030	32,191	19,235	18,329			

### Kwethluk River Chum



There are no comments for the past three days.

# Informational Packet



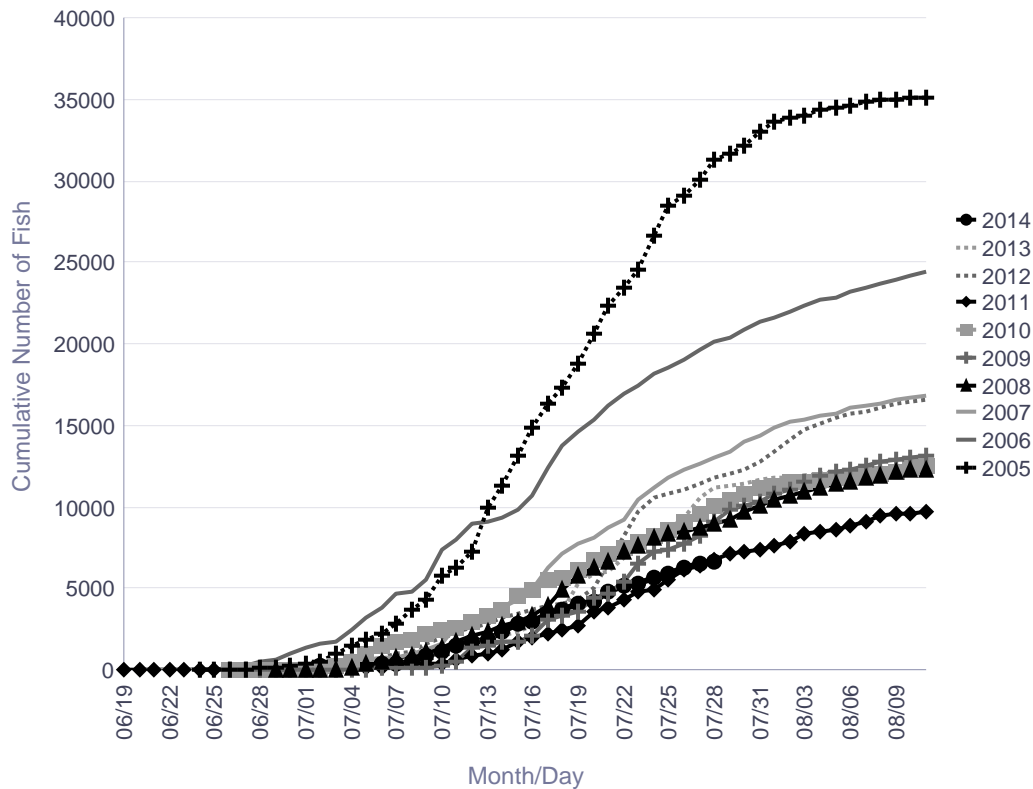
# Informational Packet

## Tuluksak River Salmon Monitoring Project Cumulative Daily Passage of Chum Salmon

Cumulative Daily Passage										
Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/26	29,100	18,983	12,274	8,525	7,703	9,114	6,104	11,079	9,379	6,248
07/27	30,075	19,665	12,703	8,771	8,215	9,547	6,455	11,433	10,615	6,540
07/28	31,252	20,119	13,054	8,973	9,098	10,055	6,744	11,773	11,148	6,628
07/29	<u>31,712</u>	<u>20,349</u>	<u>13,334</u>	<u>9,260</u>	<u>9,784</u>	<u>10,502</u>	<u>7,085</u>	<u>11,975</u>	<u>11,271</u>	
07/30	32,198	20,826	13,945	9,728	10,082	10,855	7,200	12,334	11,456	
07/31	33,002	21,386	14,331	10,100	10,319	11,162	7,375	12,814	11,713	
08/01	33,648	21,650	14,902	10,429	10,756	11,286	7,635	13,339	11,796	
08/02	33,869	22,014	15,175	10,716	11,054	11,494	7,917	14,069	11,851	

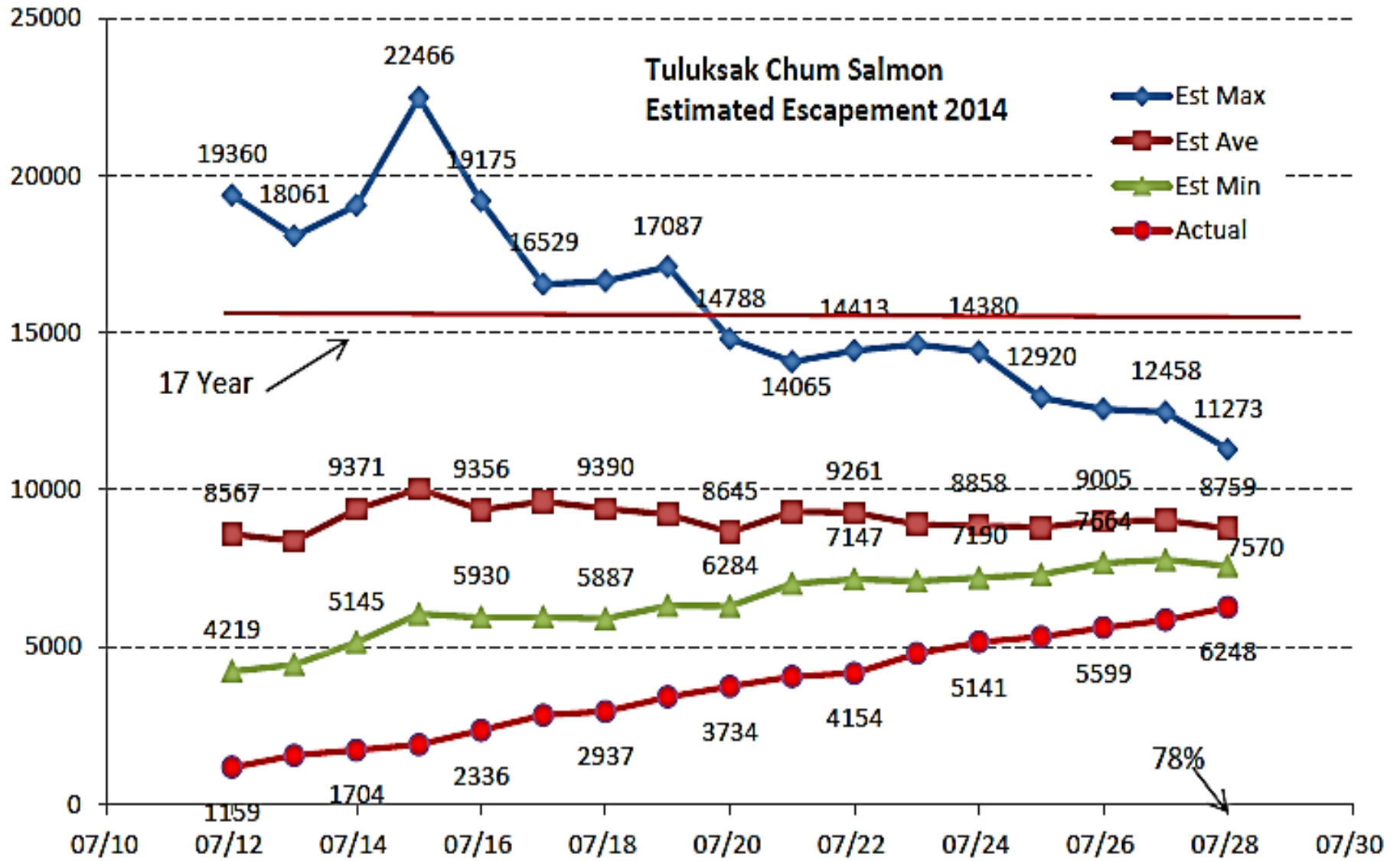
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total	35,696	25,652	17,286	12,550	13,671	13,042	9,828	16,981	12,911	

### Tuluksak River Chum



There are no comments for the past three days.

# Informational Packet





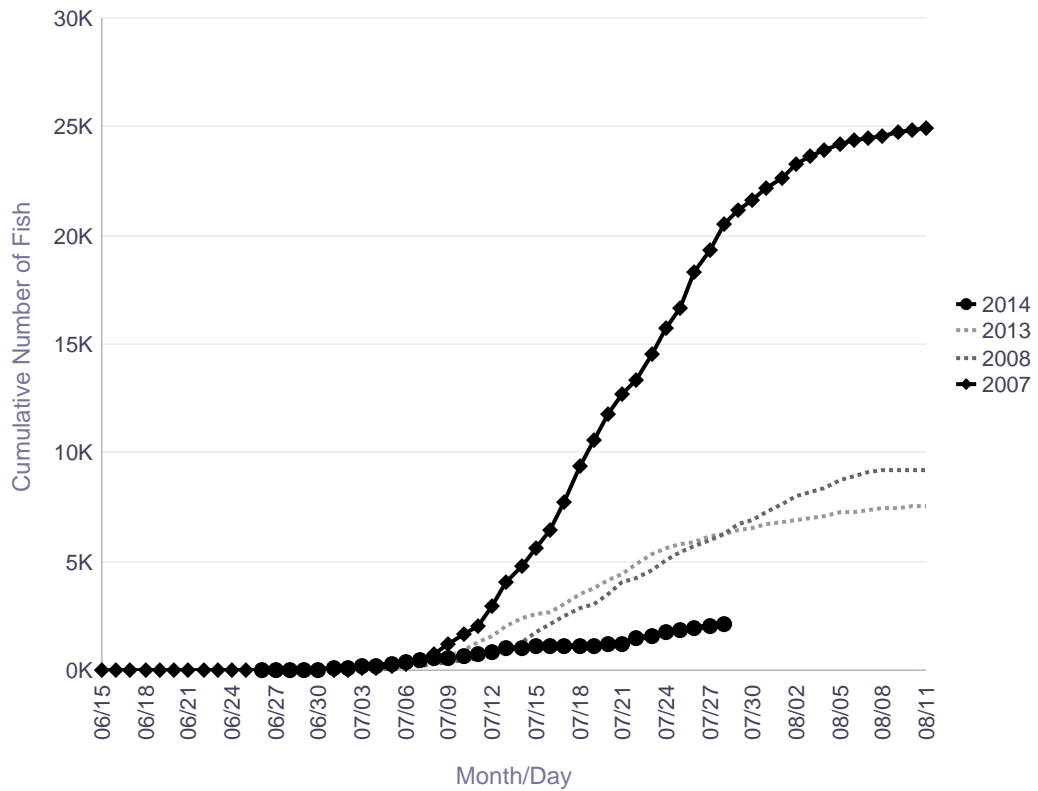
# Informational Packet

## Salmon River (Aniak) Weir Historical Cumulative Daily Passage of Chum Salmon

	Cumulative Daily Passage									
Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/26			18,285	5,703					5,906	1,924
07/27			19,363	5,979					6,156	2,031
07/28			20,515	6,231					6,280	2,146
07/29			21,125	6,704					6,455	
07/30			21,667	6,914					6,529	
07/31			22,144	7,295					6,704	
08/01			22,673	7,642					6,815	
08/02			23,258	8,016					6,897	

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total			25,379	9,459					7,666	

### Salmon River (Aniak) Chum



Date	Comments
7/26/2014	Partial day. Weir open for 1.5 hours.

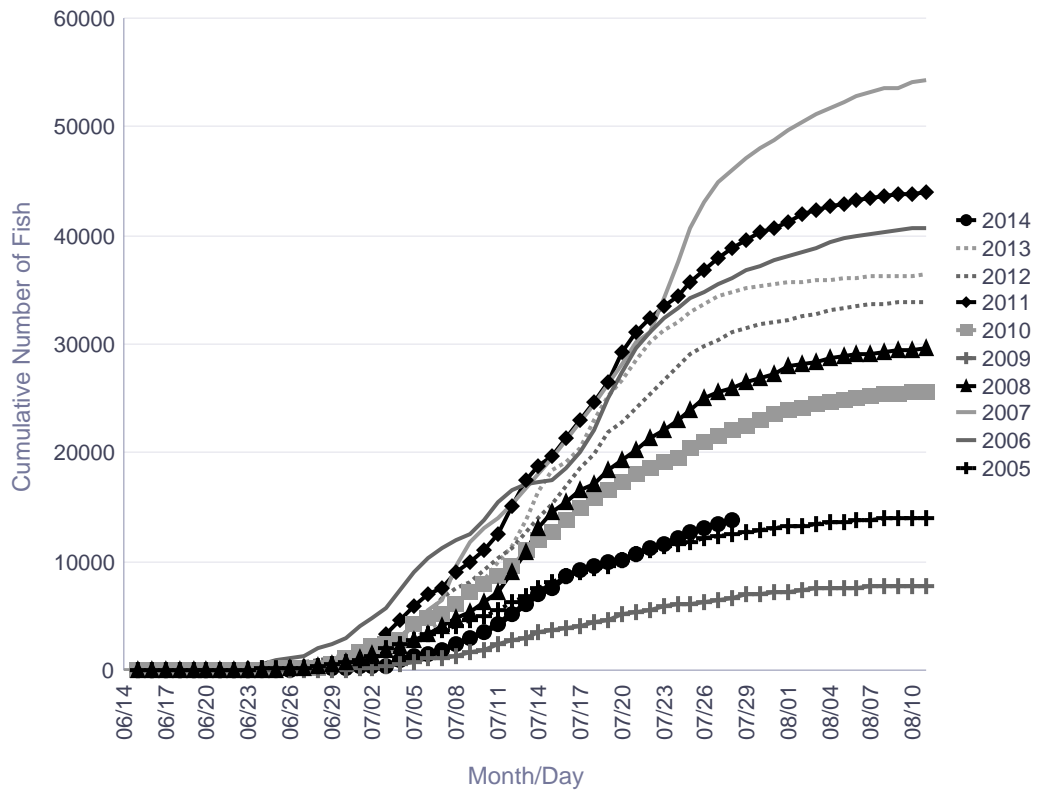
# Informational Packet

## George River Weir Historical Cumulative Daily Passage of Chum Salmon

Cumulative Daily Passage										
Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/26	12,114	34,850	43,141	24,969	6,362	21,028	36,817	29,829	33,709	13,043
07/27	12,340	35,520	44,863	25,582	6,508	21,635	37,943	30,388	34,463	13,513
07/28	12,550	36,048	45,973	26,014	6,695	22,133	38,920	31,039	34,831	13,833
07/29	<u>12,707</u>	<u>36,739</u>	<u>47,149</u>	<u>26,441</u>	<u>6,938</u>	<u>22,543</u>	<u>39,623</u>	<u>31,457</u>	<u>35,116</u>	
07/30	12,870	37,176	48,013	26,976	7,030	23,065	40,222	31,760	35,356	
07/31	13,031	37,740	48,862	27,339	7,195	23,505	40,771	32,046	35,537	
08/01	13,181	38,100	49,700	27,944	7,281	23,880	41,318	32,235	35,665	
08/02	13,340	38,414	50,470	28,222	7,382	24,166	41,882	32,539	35,796	

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total	14,828	41,467	55,843	29,979	7,941	26,154	44,641	34,336	36,874	

### George River Chum



There are no comments for the past three days.

# Informational Packet

## Kogrukluk River Weir Historical Cumulative Daily Passage of Chum Salmon

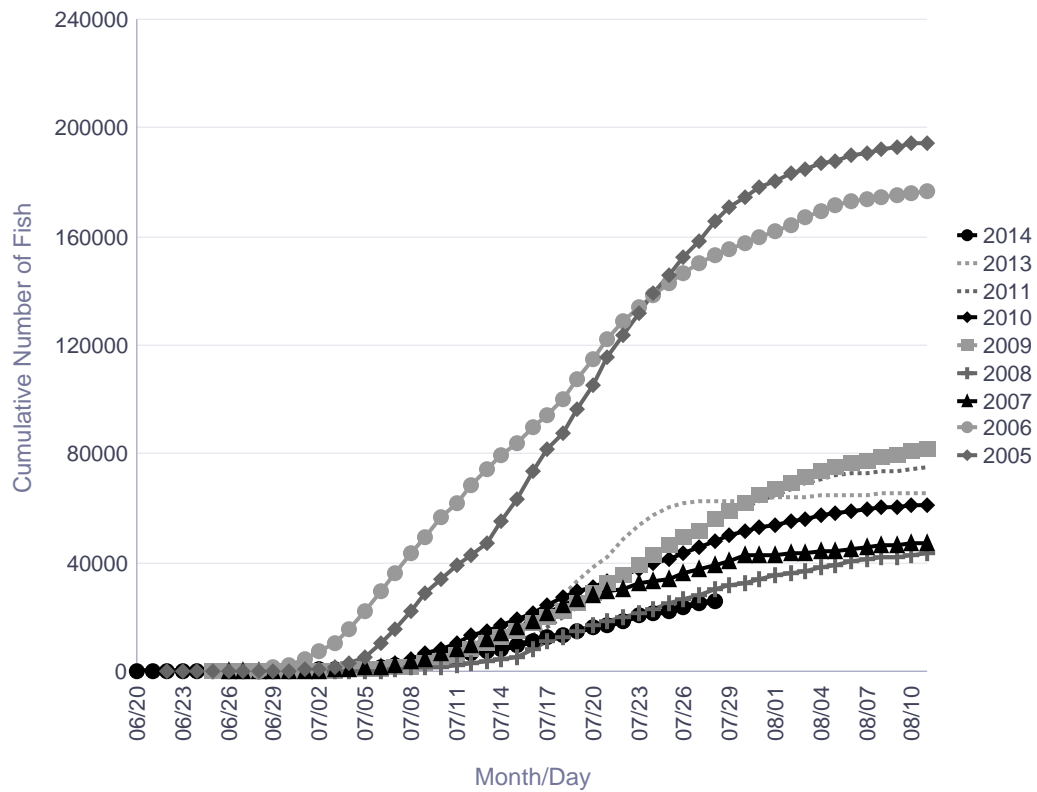
Date	Cumulative Daily Passage									
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/26	152,697	146,527	35,822	26,525	49,405	43,830	49,133		61,628	23,602
07/27	158,360	150,076	37,452	28,320	51,859	45,872	52,344		62,314	24,992
07/28	165,517	152,992	39,071	30,176	56,093	47,807	55,544		62,537	25,710
07/29	<u>170,953</u>	<u>155,283</u>	<u>40,774</u>	<u>31,799</u>	<u>59,218</u>	<u>49,835</u>	<u>59,052</u>		<u>62,583</u>	
07/30	174,674	157,612	42,466	32,754	62,124	51,331	60,675		62,817	
07/31	177,874	160,034	42,873	34,200	64,812	52,807	62,472		63,367	
08/01	180,551	162,237	43,059	35,145	67,281	54,018	64,659		63,807	
08/02	183,100	164,555	43,279	36,095	69,531	55,015	66,725		64,121	

Escapement Goal Range: 15,000 to 49,000

Highlighted years below are when escapement goal was achieved or exceeded.

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total	<u>197,723</u>	<u>180,601</u>	<u>49,509</u>	<u>44,978</u>	<u>84,940</u>	<u>63,582</u>	<u>76,386</u>		<u>66,834</u>	

### Kogrukluk River Chum



There are no comments for the past three days.

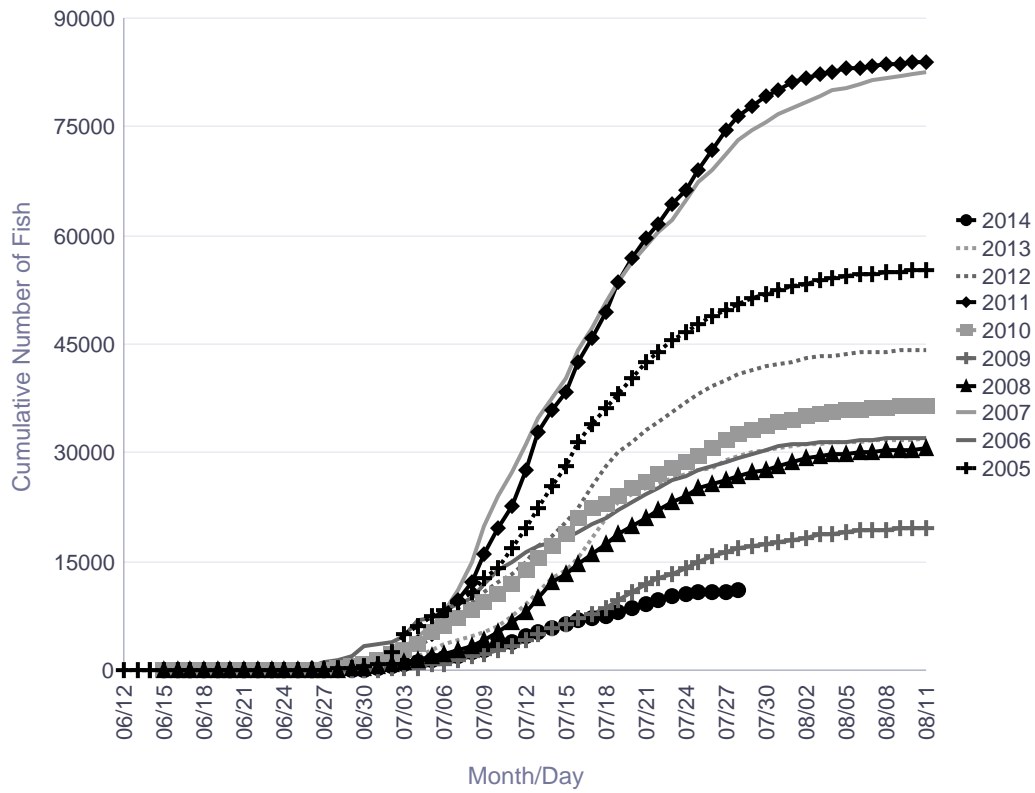
# Informational Packet

## Tatlawiksuk River Weir Historical Cumulative Daily Passage of Chum Salmon

Cumulative Daily Passage										
Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/26	48,938	28,284	68,967	25,838	15,665	30,768	71,879	39,299	28,024	10,802
07/27	49,732	28,787	71,233	26,226	16,341	31,784	74,411	39,990	29,006	10,935
07/28	50,539	29,330	73,183	26,852	16,982	32,694	76,336	40,852	29,663	11,008
07/29	<u>51,271</u>	<u>29,927</u>	<u>74,474</u>	<u>27,399</u>	<u>17,251</u>	<u>33,211</u>	<u>77,797</u>	<u>41,485</u>	<u>30,193</u>	
07/30	51,951	30,505	75,587	27,619	17,383	33,739	79,168	42,002	30,469	
07/31	52,538	30,883	76,611	28,221	17,757	34,212	80,172	42,295	30,787	
08/01	52,882	31,115	77,535	28,784	18,010	34,666	81,104	42,642	31,024	
08/02	53,322	31,331	78,446	29,206	18,317	35,039	81,779	42,991	31,168	

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total	55,724	32,303	83,246	30,896	19,975	36,702	84,204	44,572	32,277	

### Tatlawiksuk River Chum



There are no comments for the past three days.

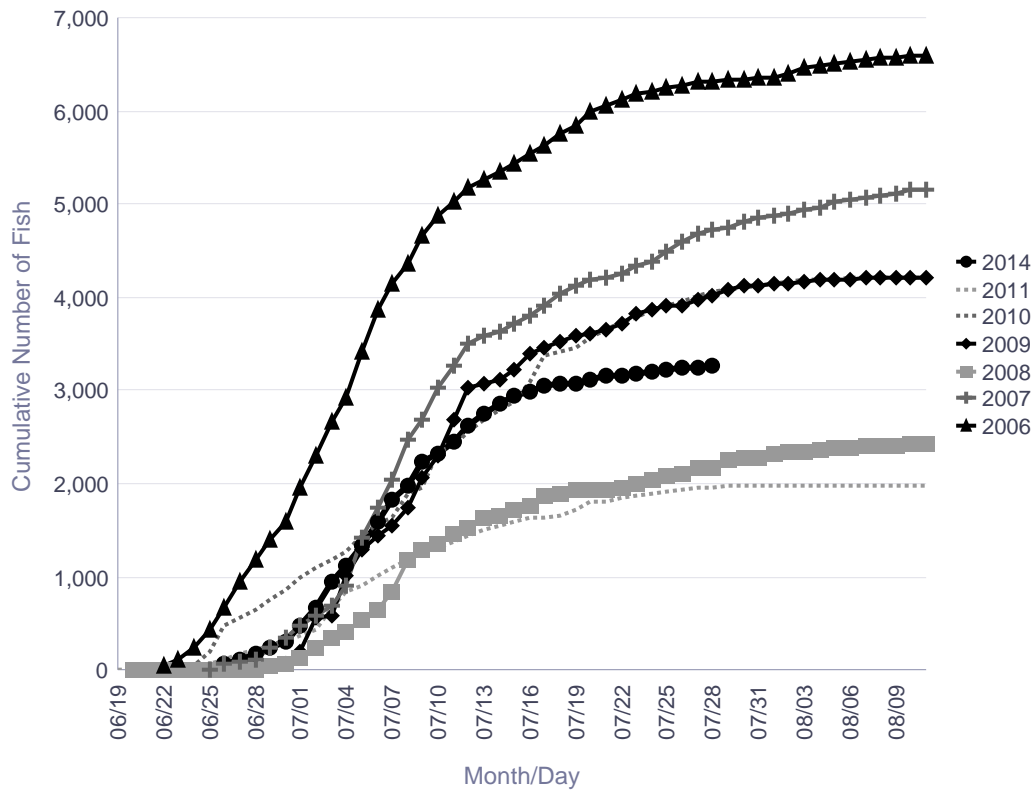
# Informational Packet

## Kwethluk River Salmon Monitoring Project Cumulative Daily Passage of Sockeye Salmon

Cumulative Daily Passage										
Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/26		6,265	4,593	2,116	3,916	3,953	1,936			3,241
07/27		6,306	4,674	2,170	3,970	4,014	1,955			3,248
07/28		6,315	4,717	2,181	4,024	4,056	1,963			3,258
07/29		<u>6,326</u>	<u>4,754</u>	<u>2,260</u>	<u>4,079</u>	<u>4,079</u>	<u>1,969</u>			
07/30		6,327	4,801	2,275	4,113	4,092	1,973			
07/31		6,345	4,853	2,282	4,133	4,113	1,973			
08/01		6,365	4,873	2,313	4,145	4,135	1,974			
08/02		6,408	4,903	2,345	4,154	4,162	1,974			

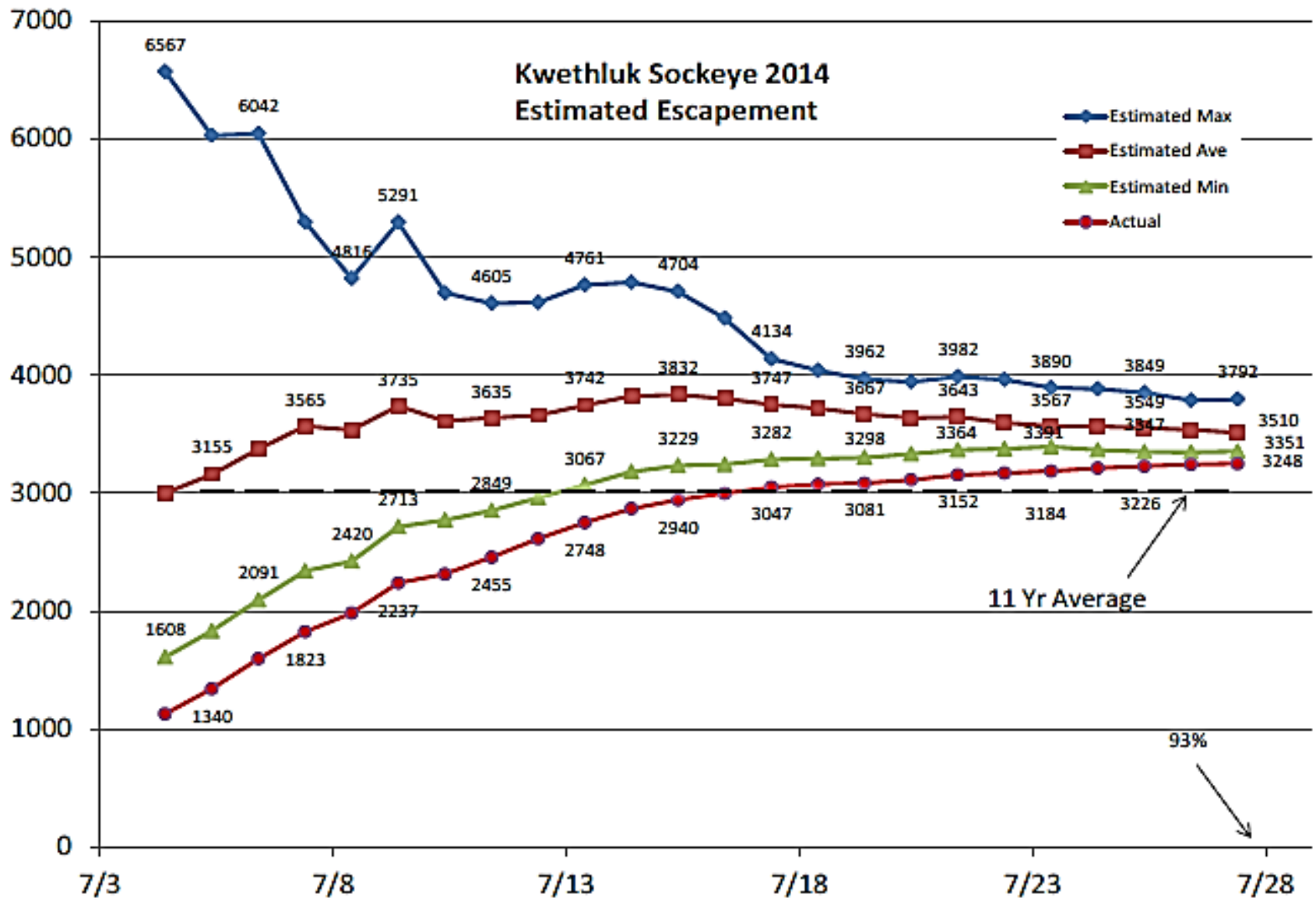
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total		6,733	5,262	2,451	4,230	4,239	2,031			

### Kwethluk River Sockeye



There are no comments for the past three days.

# Informational Packet



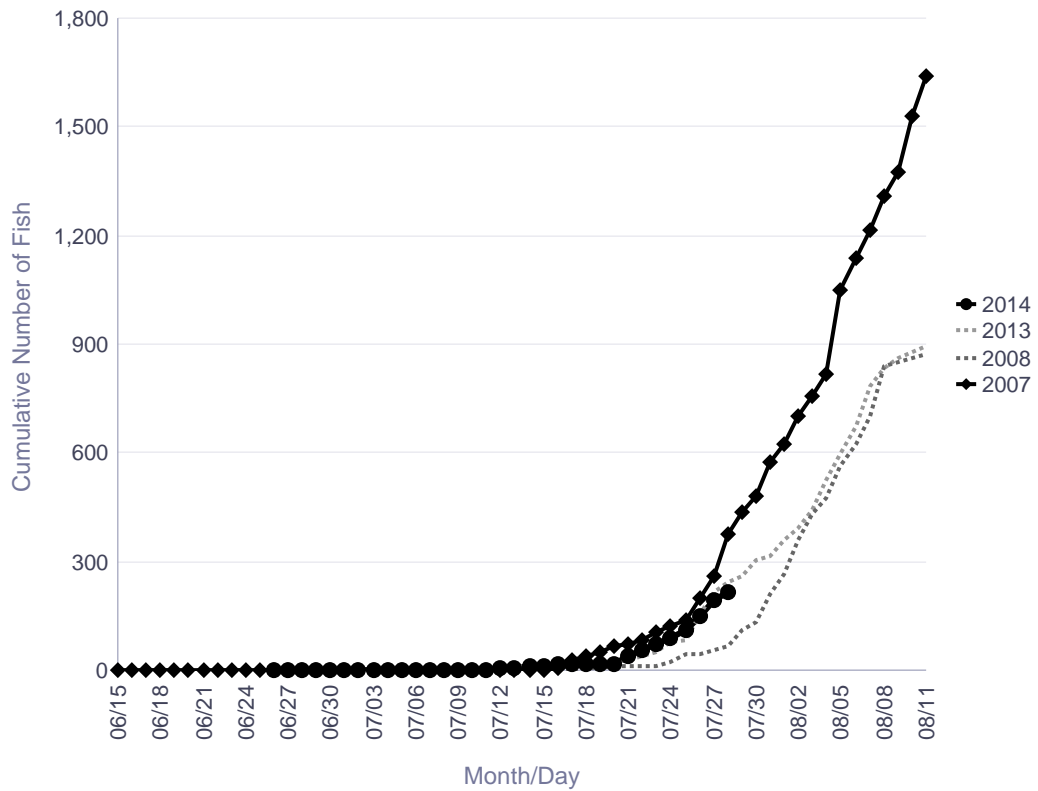
# Informational Packet

## Salmon River (Aniak) Weir Historical Cumulative Daily Passage of Sockeye Salmon

Cumulative Daily Passage										
Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/26			198	47					153	152
07/27			261	54					215	195
07/28			378	66					246	216
07/29			435	112					260	
07/30			479	131					304	
07/31			575	212					318	
08/01			624	263					360	
08/02			700	358					390	

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total			2,130	1,181					966	

### Salmon River (Aniak) Sockeye



#### Day Comments

Date	Comments
7/26/2014	Partial day. Weir open for 1.5 hours.

# Informational Packet

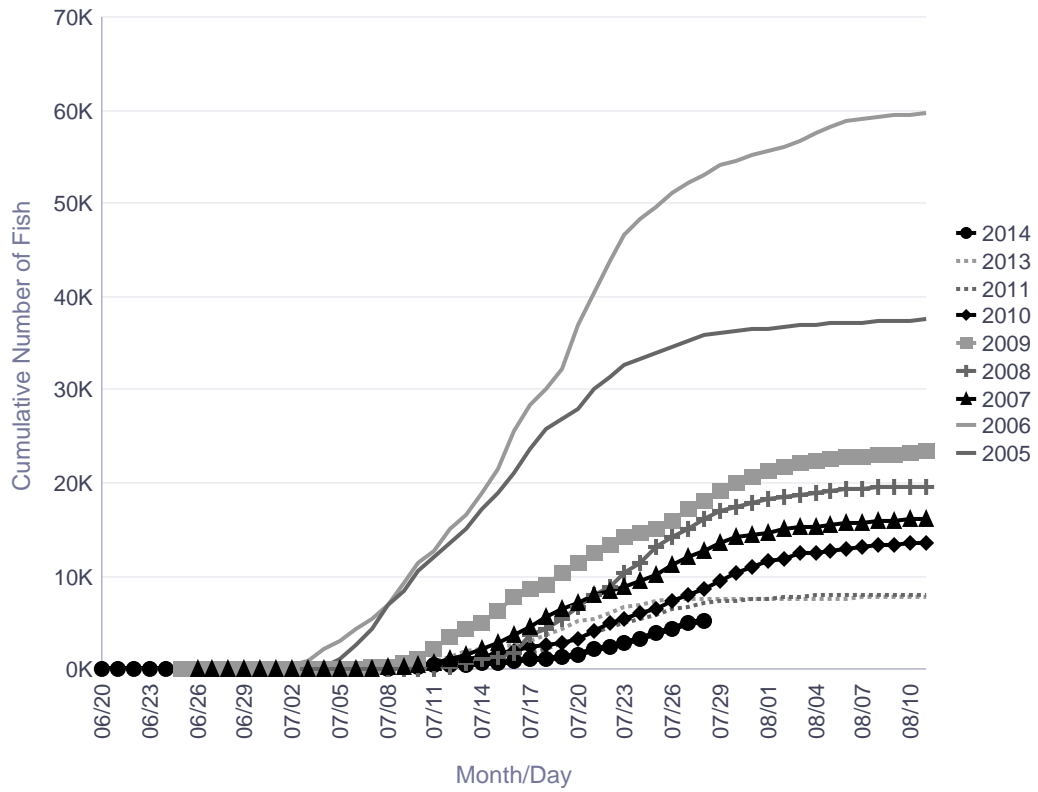
## Kogrukluk River Weir Historical Cumulative Daily Passage of Sockeye Salmon

Cumulative Daily Passage										
Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/26	34,584	51,054	11,255	14,284	15,890	7,284	6,364		7,464	4,411
07/27	35,136	52,086	12,004	15,037	17,120	8,023	6,777		7,518	5,014
07/28	35,792	52,945	12,636	16,101	18,073	8,524	7,055		7,527	5,272
07/29	<u>36,039</u>	<u>54,109</u>	<u>13,498</u>	<u>16,986</u>	<u>19,043</u>	<u>9,420</u>	<u>7,291</u>		<u>7,528</u>	
07/30	36,317	54,579	14,117	17,493	19,891	10,343	7,398		7,536	
07/31	36,449	55,213	14,403	17,930	20,617	10,987	7,484		7,559	
08/01	36,608	55,650	14,716	18,283	21,221	11,583	7,606		7,581	
08/02	36,798	56,122	14,979	18,446	21,704	11,872	7,705		7,597	

Escapement Goal Range: 4,400 to 17,000  
 Highlighted years below are when escapement goal was achieved or exceeded.

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total	<u>37,939</u>	<u>60,807</u>	<u>16,526</u>	<u>19,675</u>	<u>23,785</u>	<u>13,997</u>	<u>8,135</u>		<u>7,882</u>	

### Kogrukluk River Sockeye



### Day Comments

Date	Comments
7/27/2014	Lower bound of escapement goal met.



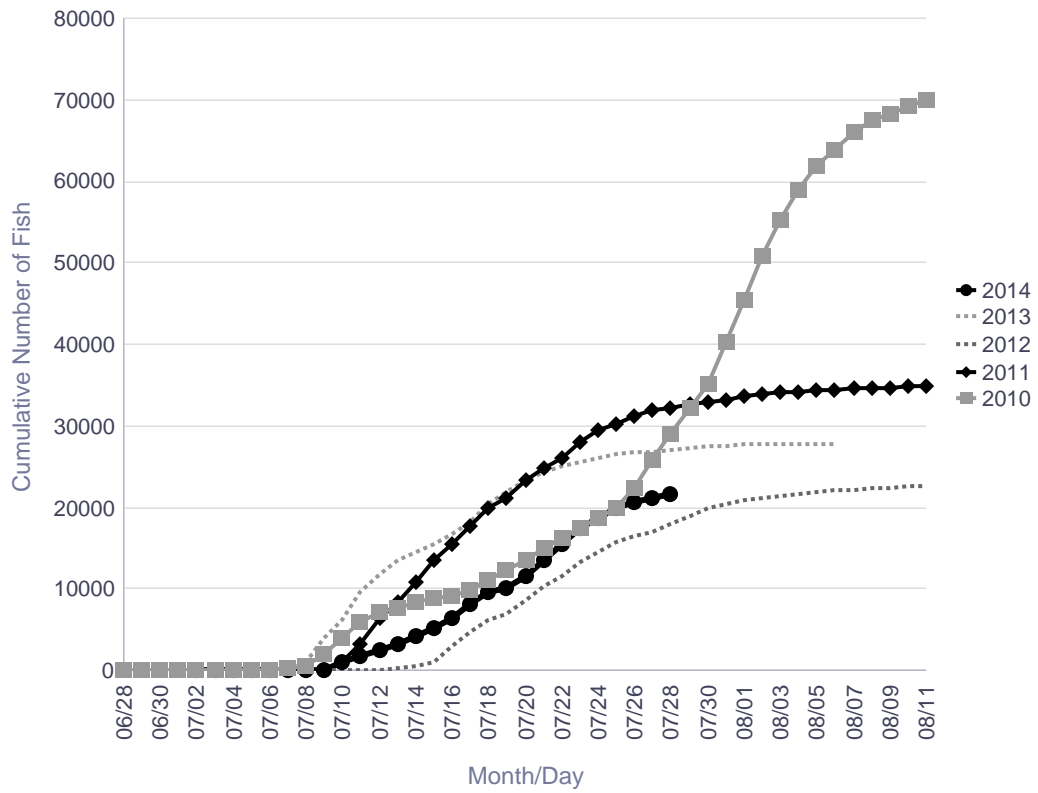
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## Telaquana River Weir Historical Cumulative Daily Passage of Sockeye Salmon

Cumulative Daily Passage					
Date	2010	2011	2012	2013	2014
07/26	22,347	31,240	16,443	26,680	20,586
07/27	25,700	31,911	16,969	26,818	21,112
07/28	28,991	32,240	17,964	27,057	21,674
07/29	32,104	32,618	18,844	27,328	
07/30	35,053	32,867	19,887	27,454	
07/31	40,295	33,210	20,309	27,529	
08/01	45,530	33,560	20,778	27,629	
08/02	50,834	33,812	21,127	27,677	

	2010	2011	2012	2013	2014
Season Total	72,020	35,105	22,994	27,806	

### Telaquana River Sockeye



There are no comments for the past three days.

# Informational Packet

## Kwethluk River Weir Historical Cumulative Daily Passage of Coho Salmon

	Cumulative Daily Passage									
Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/26		456	371	145	38					91
07/27		533	476	191	61					114
07/28		565	517	199	98					131
07/29		<u>605</u>	<u>561</u>	<u>322</u>	<u>244</u>					
07/30		623	610	381	352			11		
07/31		679	731	459	427			31		
08/01		796	877	545	539			74		
08/02		1,025	1,032	809	610			170		

Escapement Goal Range: > 19,000  
Highlighted years below are when escapement goal was achieved or exceeded.

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total		25,664	20,256	49,972	21,911			19,960		

There are no comments for the past three days.

## Tuluksak River Salmon Monitoring Project Cumulative Daily Passage of Coho Salmon

	Cumulative Daily Passage									
Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/26	8	29	25	14	2	0		43	10	22
07/27	9	43	31	17	2	0		56	31	25
07/28	17	50	33	22	2	1		67	41	25
07/29	<u>19</u>	<u>51</u>	<u>38</u>	<u>22</u>	<u>7</u>	<u>7</u>		<u>74</u>	<u>44</u>	
07/30	24	74	43	33	7	10		79	68	
07/31	38	102	49	45	11	14		91	93	
08/01	67	111	60	72	14	17		138	103	
08/02	80	136	65	98	16	18		192	113	

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total	11,324	6,111	2,807	7,457	8,137	1,216		4,407	6,490	

There are no comments for the past three days.

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## Salmon River (Aniak) Weir Historical Cumulative Daily Passage of Coho Salmon

Cumulative Daily Passage										
Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/26				0	14				0	7
07/27				0	15				0	7
07/28				0	24				0	8
07/29				5	36				0	
07/30				8	39				2	
07/31				19	50				4	
08/01				26	54				10	
08/02				47	60				16	

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total				11,022	6,391				2,869	

Date	Comments
7/26/2014	Partial day. Weir open for 1.5 hours.

## George River Weir Historical Cumulative Daily Passage of Coho Salmon

Cumulative Daily Passage										
Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/26	13	14	48	4	1	1	1	1	8	0
07/27	21	16	59	8	2	1	5	1	10	0
07/28	26	17	62	10	3	1	24	1	14	0
07/29	34	23	66	13	8	7	34	6	24	
07/30	41	29	73	20	14	13	42	11	27	
07/31	47	35	85	33	29	21	65	17	32	
08/01	57	46	113	51	47	32	84	27	38	
08/02	74	50	152	78	54	40	152	45	40	

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total	8,200	11,294	29,317	21,956	12,573	12,961	30,028	15,272	13,894	

There are no comments for the past three days.

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## Kogrukluk River Weir Historical Cumulative Daily Passage of Coho Salmon

	Cumulative Daily Passage									
Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/26	10	83	11	2	0	0	0	0	0	0
07/27	10	93	16	2	0	0	0	0	0	2
07/28	17	100	22	7	0	0	4	0	0	2
07/29	<u>38</u>	<u>109</u>	<u>29</u>	<u>12</u>	<u>10</u>	<u>1</u>	<u>7</u>	<u>0</u>	<u>0</u>	
07/30	55	120	46	26	31	1	8	3	1	
07/31	63	138	52	35	62	1	9	10	4	
08/01	84	150	67	42	103	1	13	20	11	
08/02	113	175	90	54	155	1	15	32	12	

Escapement Goal Range: 13,000 to 28,000  
 Highlighted years below are when escapement goal was achieved or exceeded.

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total	<u>24,115</u>	<u>17,011</u>	<u>27,034</u>	<u>29,661</u>	<u>22,981</u>	<u>13,970</u>	<u>24,174</u>	<u>13,697</u>	<u>23,590</u>	

There are no comments for the past three days.

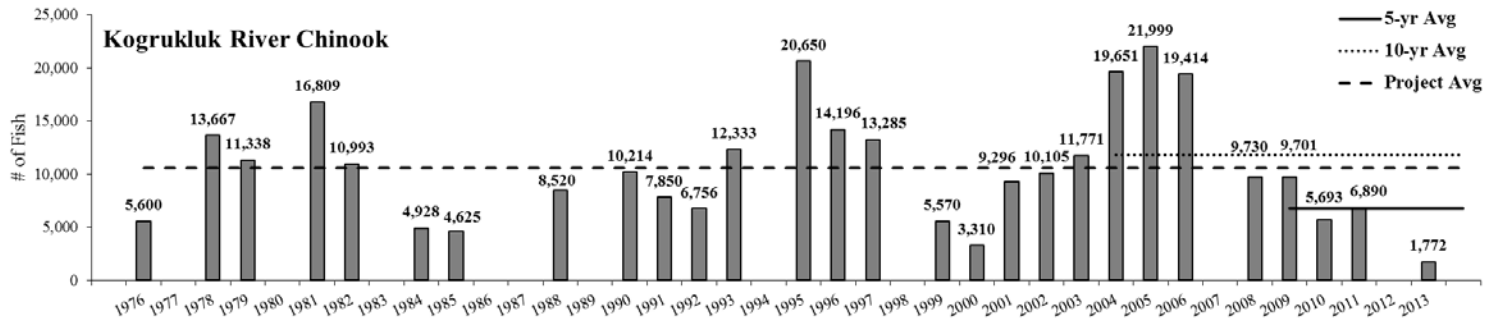
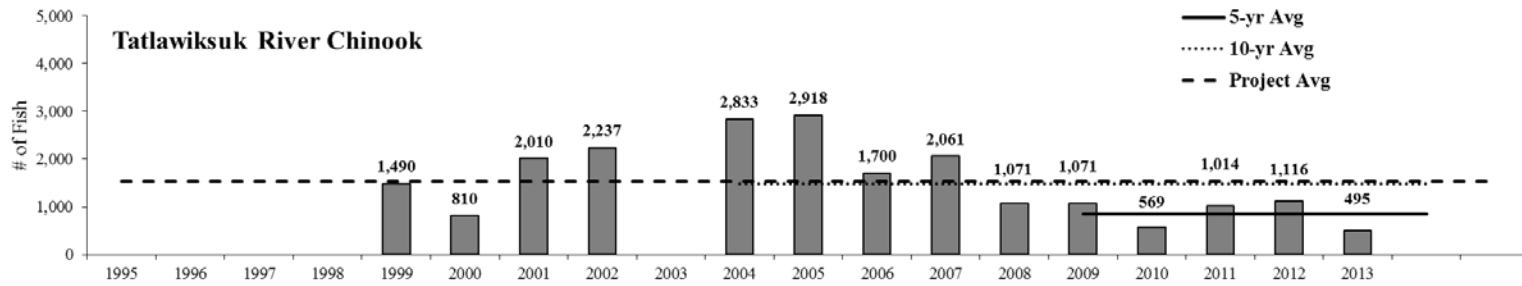
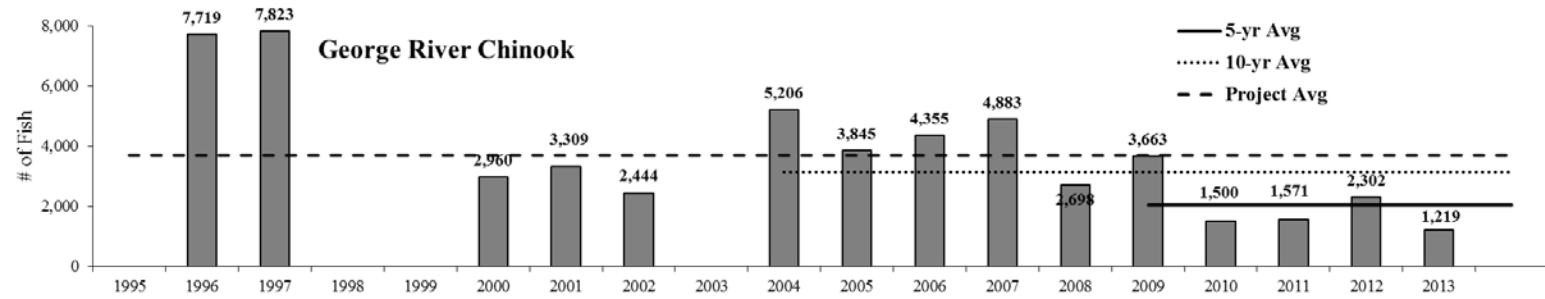
## Tatlawiksuk River Weir Historical Cumulative Daily Passage of Coho Salmon

	Cumulative Daily Passage									
Date	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
07/26	34		22	13	3	0	4	4	22	14
07/27	55		35	18	5	0	7	4	36	26
07/28	71		65	34	5	1	11	4	56	26
07/29	<u>90</u>		<u>75</u>	<u>46</u>	<u>11</u>	<u>2</u>	<u>15</u>	<u>5</u>	<u>83</u>	
07/30	127		109	50	20	4	39	6	100	
07/31	165		147	131	28	7	58	16	127	
08/01	185		197	198	54	10	86	34	160	
08/02	214		220	226	78	18	104	55	185	

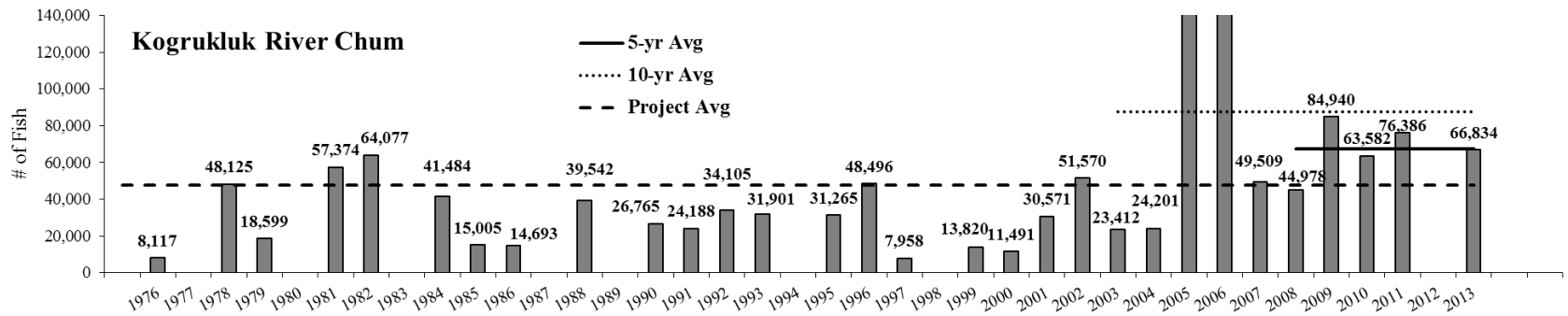
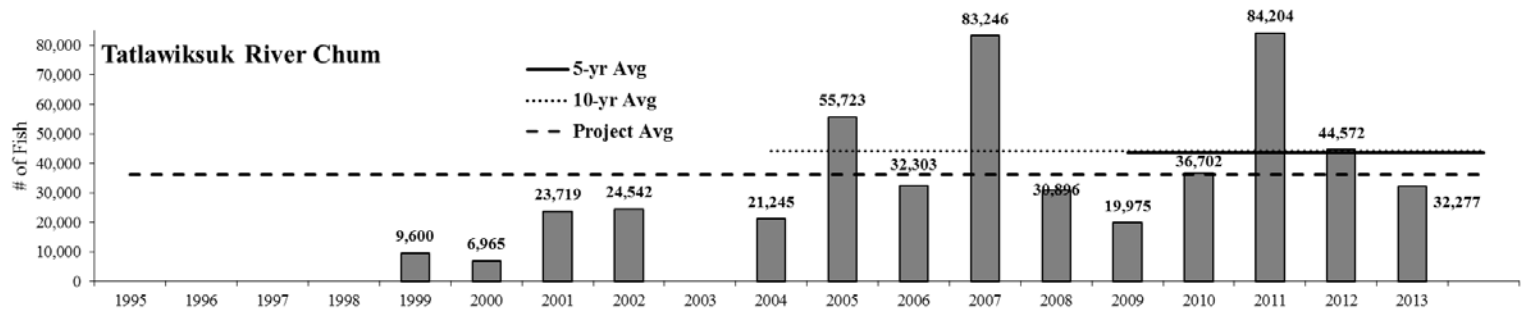
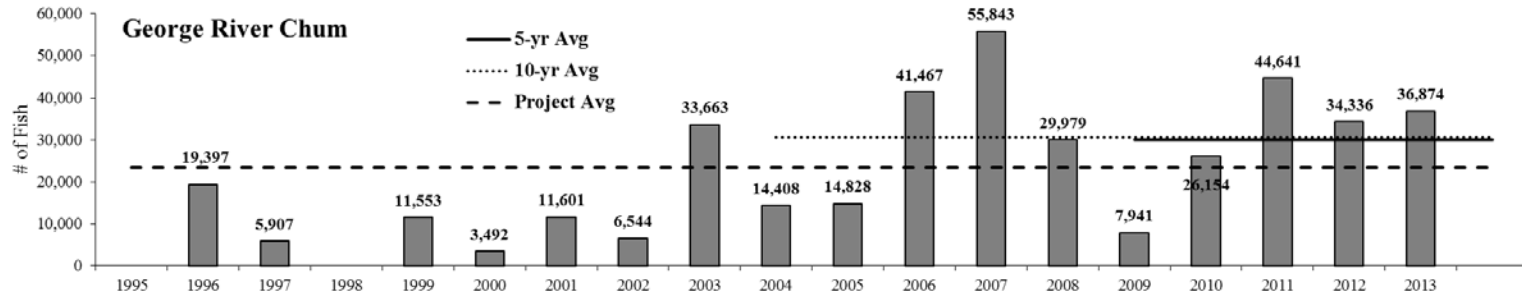
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Season Total	7,560		8,686	11,065	10,155	3,521	12,927	8,070	13,076	

There are no comments for the past three days.

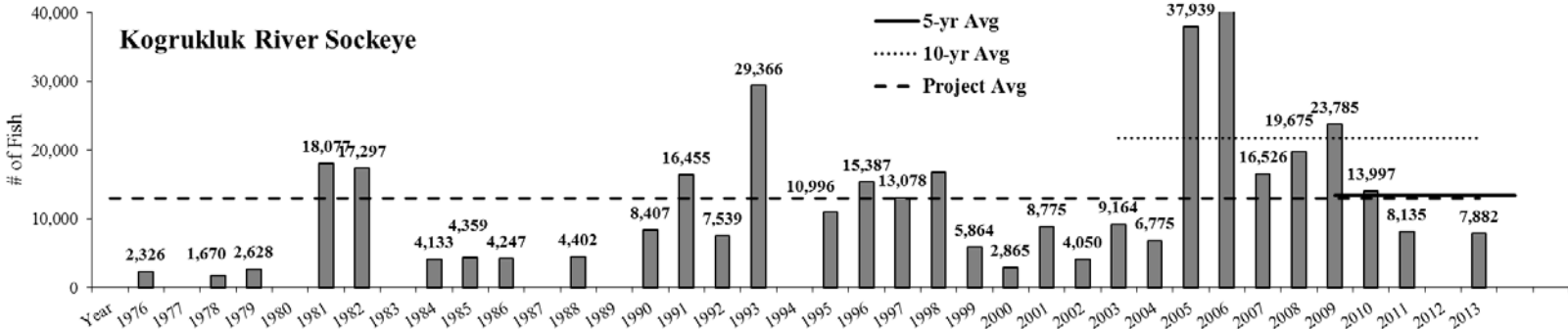
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# ALASKA DEPARTMENT OF FISH AND GAME DIVISION OF COMMERCIAL FISHERIES NEWS RELEASE



*Cora Campbell, Commissioner  
Jeff Regnart, Director*



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Contact:

Aaron Poetter, Area Management Biologist  
Aaron Tiernan, Asst. Area Management Biologist  
Phone: (907) 543-2433  
Toll Free: 855-933-2433  
Fax: (907) 543-2021

Kuskokwim Area Office  
P.O. Box 1467  
Bethel, AK 99559  
Date Issued: July 29, 2014  
Time: 3:00 p.m.

### **Kuskokwim River Salmon Fishery Update #6 Kuskokwim River Inseason Assessment and Run Status**

This is an announcement from the Alaska Department of Fish and Game in Bethel for subsistence fishermen in the Kuskokwim Area.

All Bethel Test Fishery and escapement numbers can be found online at:  
<http://www.adfg.alaska.gov/index.cfm?adfg=commercialbyareakuskokwim.salmon#/fishcounts>

#### Bethel Test Fishery

Bethel Test Fishery continues to operate on schedule. The cumulative Catch Per Unit Effort as of July 28, is 648 Chinook; 1,347 sockeye; 6136 chum; and 512 for coho salmon. The cumulative Chinook value is higher than 5 of the last 6 years, and indicates it is likely we will achieve escapement goals. The decreasing daily values are indicating the Chinook salmon run is coming to an end, average run timing indicates it is 99% complete past Bethel. No Chinook have been caught since July 20<sup>th</sup>. Chum salmon cumulative CPUE is average as of this date. The counts have dropped off in the last week, indicating the chum salmon is coming to an end a bit earlier than anticipated and run timing indicates the run is 98% complete. Sockeye salmon cumulative CPUE is similar to the average, indicating an average size run, and the recent decreases in daily CPUE, and average run timing indicate the run is 99% complete past Bethel. This is the earliest coho salmon have been caught in the test fishery, and the total CPUE is average as of this date. Peak abundances are usually observed around the first week of August.

#### Lower Kuskokwim River Chinook Salmon Tagging

In an effort to understand the migration speed of Chinook salmon through the lower Kuskokwim River, ADF&G is conducting a new pilot project below Johnson River. This project uses 7.5" & 8" drift gillnets to capture and live release Chinook salmon with tags attached to monitor their migration upriver. This project completed the tagging portion on July 9. The crew deployed 92 tags throughout the season.



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Preliminary results indicate tags have successfully moved upriver in the mainstem Kuskokwim River, and have been located in the Kwethluk River, and past Kogruklu River weir. Travel speed was about 3 days on average from Johnson River to Bethel. 10 of the tags deployed have been identified passing the Kwethluk River weir, and these tags were well distributed throughout the run, indicating Kwethluk River Chinook salmon arrive in the Kuskokwim River throughout the run. It took tagged fish around 19 days to go from the tagging location to the weir.

These fish are identifiable by a plastic tag attached to their back, and a metal antennae coming out of their mouth. If you find one of these tagged fish, please call the number on the plastic tag, and you will be entered into a monthly cash drawing of \$200, and a seasonal cash drawing of \$500.

### Kalskag Area Fish wheels /Drift Gillnet Tagging; ADF&G, KNA

Similar to other years this project has operated, we are cooperating with Kuskokwim Native Association to tag Chinook salmon using fish wheels and drift gillnets near Kalskag. Tagged fish that are later recovered at weir projects, allow for ADF&G to estimate the total abundance of Chinook salmon in the middle and upper Kuskokwim River. This project ended tagging operations on July 17<sup>th</sup>, and deployed 304 tags in Chinook salmon.

Preliminary information shows that several of these tagged fish have passed upriver weirs. Aerial survey flights will be conducted August 26-30, to identify final tag locations in the mainstem. These fish are identifiable by a plastic tag attached to their back, and a metal antennae coming out of their mouth. If you find one of these tagged fish, please call the number on the plastic tag, and you will be entered into a monthly cash drawing of \$200, and a seasonal cash drawing of \$500.

### Kuskokwim River Sonar Investigation

ADF&G staff surveyed the lower Kuskokwim River from the Kwethluk “Y” to Johnson River looking for potential sites for a main stem sonar site. Potentially useable sites were identified upriver of Bethel, and sonar tests indicated fish were identifiable with the sonar. ADF&G will continue to pursue feasibility of these identifiable sites as inseason monitoring projects.

### Kwethluk River Salmon Monitoring; USFWS

This monitoring station is located on the Kwethluk River and monitors salmon passage to spawning areas, as well as serving as a recapture site for tagged Chinook salmon. This project became operational on the evening of June 25, which is earlier than 3 of the past five years. As of July 28, the crew has counted 3,075 Chinook; 3,258 sockeye; 13,849 chum; and 131 coho salmon. The Chinook salmon escapement goal is becoming less likely to be achieved, as the run slows. Average run timing indicate the escapement is 93% complete for Chinook salmon. Chum salmon escapement is below average at this point, and average run timing indicates the escapement is about 80% complete. Sockeye salmon escapement is above average for this date, and average run timing indicates the escapement is 93% complete for sockeye salmon. Coho salmon escapement is about average for this date, and average run timing indicates the run is just beginning (~1% complete).

### Tuluksak River Salmon Monitoring; USFWS

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This monitoring station is located in the Tuluksak River drainage and monitors salmon passage to spawning areas, as well as serving as a recapture site for tagged Chinook salmon. This project became operational on June 30, which is a few days later than the past few years. As of July 28, the crew has counted 311 Chinook; 377 sockeye; 6,628 chum; and 25 coho salmon. Chinook salmon escapement is higher than 5 of the past 7 years as of this date. Average run timing indicates the Chinook escapement is 90% complete. Chum salmon escapement is below average for this date, and average run timing indicates the escapement is 75% complete. Sockeye salmon escapement is above average for this date, and average run timing indicates the escapement is 74% complete. Coho salmon escapement is just starting, with average run timing being <1% complete.

### Salmon River Weir; ADF&G, KNA

This weir is located in the Aniak River drainage and monitors salmon passage to spawning areas, as well as serving as a recapture site for tagged Chinook salmon. This project became operational on the evening of June 26, and has had continuous operations with the exception of one partial day of counts on July 26th. As of July 28, the crew has counted 1,584 Chinook; 216 sockeye; 2,146 chum; 8 coho salmon. There are no escapement goals for this system, and all of the escapements this year are within the range of previous years.

### George River Weir; ADF&G, KNA

This weir is located in the George River drainage and monitors salmon passage to spawning areas, as well as serving as a recapture site for tagged Chinook salmon. This weir began operations on June 16<sup>th</sup>, and has had continuous operations. As of July 28, the crew has counted 2,628 Chinook; and 13,833 chum salmon. The Chinook salmon count achieved the lower bound of the escapement goal on July 10<sup>th</sup>, and average run timing indicates the escapement is 97% complete. Chum salmon escapement is below average for this date in past years, and average run timing indicates the escapement is 88% complete at this point.

### Tatlawiksuk River Weir; ADF&G, KNA

This weir is located in the Tatlawiksuk River drainage and monitors salmon passage to spawning areas, as well as serving as a recapture site for tagged Chinook salmon. This weir began operations on June 14<sup>th</sup>, with 3.5 days of no operation due to high water. As of July 28, the crew has counted 1,874 Chinook; 11,008 chum; and 26 coho salmon. Chinook salmon escapement is above average on this day with only 4 of 14 years seeing higher escapements to date. Average run timing indicates the Chinook salmon run is 96% complete. Chum salmon escapements are below average with only 2 of 14 years having seen fewer fish at this point. Average run timing indicates the chum salmon escapement is 90% complete. Coho salmon arrival at this project is about average.

### Kogruklu River Weir; ADF&G

This weir is located in the Holitna River drainage and monitors salmon passage to spawning areas, as well as serving as a recapture site for tagged Chinook salmon. This weir began operations on June 20<sup>th</sup>, and has had continuous operations. As of July 28, the crew has counted 3,543 Chinook; 5,272 sockeye; 25,710 chum; and 2 coho salmon. The Chinook salmon count is below average for this date, and average run timing indicates the escapement is 93% complete. Achievement of the escapement goal for Chinook salmon is uncertain, but is currently projecting

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to be below the lower bound of the goal of 4,800. Chum salmon escapement is below average at this point, and average run timing indicates the escapement is 88% complete. The escapement goal for chum salmon was achieved on July 20<sup>th</sup>. Sockeye salmon escapement is below average for this date; however, the escapement goal for sockeye salmon was met on July 26<sup>th</sup>. Average run timing indicates that sockeye salmon escapement is 92% complete. Two coho salmon have passed the weir which is similar to historical years.

### Telaquana River Weir; ADF&G, NPS

This weir is located in the Telaquana River drainage and monitors salmon passage to spawning areas, as well as historically serving as a recapture site for tagged sockeye salmon. This is the 5<sup>th</sup> year of operations at this project. Sockeye salmon are the only salmon species observed in high quantities at this weir. This project became operational on July 2<sup>nd</sup>. As of July 28, the crew has counted 20 Chinook; 21,674 sockeye; and 49 chum salmon. Escapement and run timing to date is similar to historical years.

### Summary

Achievement of escapement goals for Chinook salmon is uncertain at several projects, and the Kuskokwim River. One escapement project has achieved the escapement goal, while the others will likely be close to the lower end. Escapements are higher than the past few years, showing that the restrictions were necessary and were successful at increasing escapement.

Chum salmon escapements are below average for all projects, but all projects are within the historical ranges, and the escapement goal at Kogrukluuk was achieved.

Sockeye salmon escapements are all within the historical ranges, and although it appears below average, achievement of the Kogrukluuk escapement goal was achieved. Sockeye salmon escapement at other projects appears at or above average.

Coho salmon have started to reach the escapement projects, which is on the early side, but not unusually early. It is early to estimate escapement outcomes.

Further announcements will be made from the Bethel Fish and Game office, on the State of Alaska web site (<http://www.adfg.alaska.gov/index.cfm?adfg=cfnews.main>), and local radio stations. News releases will be faxed to area villages and local fish processing companies. For additional information or questions regarding Kuskokwim Area fisheries, contact the Alaska Department of Fish and Game office in the Bethel at 543-2433 or toll free at 1-855-933-2433.

# Informational Packet

## MEMO

**To:** AYK SSI Steering Committee

**From:** Joseph Spaeder- BSFA Staff

**Date:** 7/29/14

**Subject:** Proposed capacity building project to support sustainable management of declined Kuskokwim River Chinook salmon

This memo discusses a proposed capacity building project with stakeholders along the Kuskokwim River to support an engaged Management Strategy Evaluation process. This past May, BSFA submitted a short pre-proposal to the National Fish and Wildlife Foundation (a private foundation - not part of the government agency- US Fish & Wildlife Service) to assess their interest in this project. The National Fish and Wildlife Foundation responded that they were interested in this approach. They have invited BSFA to submit a full proposal in response to their Alaska program call for proposals.

The aim of this capacity building project is to build capacity among community leaders in the Kuskokwim drainage that will enable effective engagement in a follow up modeling and stakeholder engagement called “Management Strategy Evaluation” (MSE) process. This project addresses the critical need to develop a shared knowledge base about salmon population dynamics and management approaches and second, to explore together how participatory modeling can allow stakeholders to formally consider the consequences of many types of uncertainties, and the important management trade-offs that emerge.

The broader goal of both this project and the subsequent MSE process is to increase transparency and trust among stakeholders and between stakeholders and managers, regarding the conservation and management of Kuskokwim River Chinook salmon.

To achieve this goal, this project would fund a series of three capacity-building workshops, with key stakeholders and community leaders to be held in Bethel and Aniak. These workshops will focus on communicating:

- 1) Foundational concepts of salmon life history, population dynamics, conservation and escapement-based management; these concepts will form the core of an MSE model for salmon fisheries.

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- 2) The nature and magnitude of the various sources of uncertainty that impede effective forecasting, assessment and management; understanding and characterizing these uncertainties is key to developing realistic forecasts of the range of possible outcomes of a management action.
- 3) A basic introduction to modeling beginning with deterministic life history models and progressing to stochastic models that incorporate uncertainty and allow formal consideration of risk tradeoffs.

The core audience for these workshops includes: the Kuskokwim Salmon Management Working Group, interested Tribal Council chairs and members, AVCP Nat. Resource staff, KNA Fisheries staff, federal RAC members, ADFG and USFWS Kuskokwim staff and other key interested stakeholders. Our aim is to obtain sufficient funding to support organizing the workshops and cover the travel costs for non-governmental Workshops participants.

The workshops would be organized by BSFA staff and led by Mike Jones at Mich. State University. Our deadline for proposal submission is Aug. 4<sup>th</sup>, 2014. We would like to request a letter of support from the Co-Chairs of the KSMWG.

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ADF&G FEDERAL SUBSISTENCE LIAISON TEAM

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## KRSMWG KUSKOKWIM YOUTH EXCHANGE

MEMO TO COORDINATOR

FRIDAY 25 JULY 2014

J.YUHAS

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Chris,

In the few years I have been following the Working Group I have noticed the idea of a Kuskokwim Drainage Youth Exchange to experience various fisheries keeps resurfacing, but has yet to be realized. In recent meetings this concept has expanded to include adults. This idea has the potential to add great practical value to our management and research staff as well as an overall benefit to the future of the fisheries and relationships within the drainage between both divergent user bases and that of the users and department. Practically speaking, it has been apparent that such an endeavor, while beneficial, does not squarely fit within the mission of our particular department to fund or administrate, nor does the Working Group itself possess the financial or human resources possible to fund or administrate such a project. With that being recognized, there are things which can be initiated to give this project a chance which would fall within our allowance to devote time and effort to facilitate, should we possess the ability to do so. I have given this idea much thought over the years, but have recognized that I am neither a Working Group member, nor staff for the area or Working Group specifically, and have therefore refrained from intruding upon the process. I have recently discussed these thoughts with the Division Director, Jeff Regnart and received his full and enthusiastic support to offer my assistance to the Working Group to pursue this endeavor should they deem this course desirable.

As you know, outside my department duties I possess an extensive 22 year background in volunteer charity and community organization and fundraising. I have facilitated the initiation of several projects, organizations and partnerships which are still active and effective. I strongly believe that with adequate organization, we can initiate this process in time to realize some level of exchange by the 2015 fishing season.

My offer at this time is to assist with the mechanics and direction of initiating the process with a goal of seeking a sponsor or partner to fund / administrate the endeavor working closely with the Working Group to meet their vision for the project. This assistance should not be seen as offering to fund or administrate this process. Should the Working Group decide to move forward with this process by designating a small subcommittee or task group, I would very much like to offer my assistance and participate in that group.

Below, I have outlined the basics of moving forward as I see them:

- Funding / administration of such an endeavor has already been identified to be outside the concentration of any of the participating entities to this point.
- Funding / administrative resources could be found outside the immediate circle of the Working Group participants with a little effort to communicate our need.
- The idea has been basic and general up to this point.

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- It is always easiest to attract funding and partners when an idea has been expressed in a further developed form, noting specific goals, timelines, design, and funding needed.
  - These items could easily be outlined by a component of the Working Group designated to do so.
  - This project design could then be “shopped” to various entities for sponsorship or partnership allowing for the possibility that in order to provide said sponsorship or partnership some entities may have additional parameter they would need to include which could be brought back to the Working Group for concurrence. Examples:
    - A university may require participants be a student.
    - BIA, AFN or NARF may require the participants be Native.
    - Ardors or Vistas may require the program serve certain users.
    - Arts and Humanities granting sources may require other parameters.
- The idea is borne of the Working Group and any design should hold fast to the wishes of the Working Group who should be consulted throughout the implementation process, once a sponsor or partner is identified.
- The timeline for attracting a sponsor or partner in time for the 2015 fishing season requires a communication of goals, timelines design, and funding by this fall at the latest. Therefore work should begin now to consolidate and communicate that information.

The next Working Group meeting is scheduled for Wednesday, July 30<sup>th</sup>. I am currently scheduled to represent the State at the Federal Subsistence Board Work Session in Anchorage that day. In the event the meeting has concluded in time to participate in the teleconference I will do so. I would very much appreciate you communicating these thoughts to the group in the event I am unable to participate.

Thank you,  
JY

# 2014 Middle and Upper Kuskokwim River Subsistence Creel Survey

\*To better understand subsistence needs for coho salmon this year, ADF&G and KNA will conduct brief interviews with fishers in the middle and upper Kuskokwim River. These interviews are intended to give direct input from fishers to ADF&G and the Kuskokwim River Salmon Management Working Group.

- A crew will travel the river by boat from Lower Kalskag to Stony River contacting active fishers.
- The crew will be made up of KNA and ADF&G staff from Subsistence Division and Commercial Fisheries.
- They will ask a few questions regarding daily fishing activities and meeting subsistence need.
- The interviews will be used to inform management of the status of subsistence fishing in the middle and upper river.
- We respectfully request cooperation with these interviews. The interviews are intended to bring the middle and upper river voices into management.
- Personal information will not be published or shared beyond the survey crew.
- **THESE INTERVIEWS WILL NOT INVOLVE LAW ENFORCEMENT**
- **Contacts:**
  - Dave Runfola – 907-322-8737