

Chinook Salmon Information Summary Sheet, Yukon Area, 2020

Run Assessment Project that Provides an Index of Abundance Inseason	2020					Historical Information at Current Date				Goal	Years Used in Average	Notes
	Operator	River Mile	Most Current Information			Average Cumulative CPUE	Average Percent Passage					
			Date	Daily CPUE	Cumulative CPUE							
LY Test Fishery - Drift Nets	ADF&G YDFDA	20	15-Jul	0.00	290.52	396.55	1.00			02-03, 05-06, 10-19	8.25 inch mesh net	
Run Assessment Projects which Provide Population Estimates Inseason	2020					Historical						
	Operator	River Mile	Most Current Information			Cumulative Passage at Current Date						
			Date	Daily	Cumulative Estimate	Min	Average	Median	Max			
Pilot Station Mainstem Sonar	ADF&G	123	15-Jul	1,218	153,206	52,228	179,173	170,098	311,731	42,500-55,000 + TAC	95, 97, 00, 02-08, 10-19	
Eagle Sonar	ADF&G	1,210	15-Jul	646	4,911	397	9,169	6,329	25,588		05-19	
Escapement Monitoring Projects	2020					Historical						
	Operator	River Mile	Most Current Information			Cumulative Passage at Current Date						
			Date	Daily	Cumulative Passage	Min	Average	Median	Max			
Andreafsky River Weir	USFWS	104	15-Jul	-	-	826	3,027	2,539	7,327	2,100-4,900	95-00, 02-08,10-19	Will not operate in 2020
Gisasa River Weir	USFWS	564	15-Jul	-	-	396	1,154	1,016	2,812	2,800-5,700	95-00, 02-13, 15-17, 19	Will not operate in 2020
Henshaw Creek Weir	TCC	1,130	15-Jul	-	-	132	513	413	1,035		01-02,04-05,07-13,15-17, 19	Will not operate in 2020
Chena River Tower	ADF&G	920	15-Jul	30	296	6	2,374	1,868	7,395	93-94,97-99,01,03-04,06-10,12-19		
Salcha River Tower	ADF&G	965	15-Jul	-	-	246	2,656	1,512	9,960	3,300-6,500	93-95,97-02,04-07,09-10,12-13, 15-19	Will not operate in 2020
Escapement Monitoring Projects Canada	2020					Historical						
	Operator	River Mile	Most Current Information			Cumulative Passage at Current Date						
			Date	Daily	Cumulative Passage	Min	Average	Median	Max			
Upper Porcupine River Sonar	DOF	1,002	-	-	-	-	-	-	-		14-19	
Big Salmon River Sonar	MEI	1,621	-	-	-	-	-	-	-		05-19	
Pelly River Sonar	SFN	1,478	14-Jul	37	37	0	0	83	339		16-19	
Whitehorse Dam	YE	1,745	-	-	-	-	-	-	-		88-19	

Summer Chum Salmon Informational Summary Sheet, Yukon Area, 2020

	2020					Historical		Years Used	Notes
Run Assessment Project that Provides an Index of Abundance Inseason	Operator	River Mile	Most Current Information			Median Cumulative to Date	Median Percent Passage to Date	Years used in median: 15-19	5.5 inch mesh net (Big Eddy site only)
			Date	Daily CPUE	Cumulative CPUE				
Lower Yukon Drift	ADF&G	20	15-Jul	49.23	4,601.93	9,945.49	1.00		
Run Assessment Project that Provides Population Estimates Inseason	Operator	River Mile	2020			Historical		Years included in median: 95, 97, 00, 02-08, 10-19 Drainagewide escapement goal 500,000-1,200,000 (BEG) is related to mainstem passage estimate near Pilot Station minus upriver harvests.	
			Most Current Information			Median			
			Date	Daily	Cumulative	Median Daily	Cumulative		
Pilot Station Mainstem Sonar	ADF&G	123	15-Jul	16,167	648,626	14,068	1,821,533		
Escapement Monitoring Projects	Operator	River Mile	2020			Historical		Escapement Goal Range	
			Most Current Information			Median Cumulative to Date	Median Percent Passage to Date		
			Date	Daily	Cumulative				
Andreafsky River Weir	USFWS	104	15-Jul	-	-	46,031	0.83	>40,000	Will not operate in 2020
Anvik Sonar	ADF&G	318	15-Jul	-	-	352,520	0.77	350,000 to 700,000	Will not operate in 2020
Gisasa River Weir	USFWS	564	15-Jul	-	-	29,879	0.67		Will not operate in 2020
Henshaw Creek Weir	TCC	1,130	15-Jul	-	-	42,753	0.27		Will not operate in 2020
Chena River Tower	ADF&G	920	15-Jul	0	0	203	0.02		
Salcha River Tower	ADF&G	965	15-Jul	-	-	140	0.01		Will not operate in 2020

Approximate Location of Chinook Salmon Pulses by Date of the Pulse Past Pilot Station Continuing Up the Yukon River, 2020.

Community	RIVER MILES	DAYS BETWEEN SITES	FIRST FISH	EARLY FISH	PULSE 1	PULSE 2	PULSE 3	PULSE 4	PULSE 5
	Number of Days		1	23	3	4	5	9	
	Dates at Pilot		30-May	31-May	23-Jun	26-Jun	30-Jun	5-Jul	14-Jul
	Pilot Station Passage			34,536	28,091	36,209	26,286	25,434	
Travels in Miles Per Day		40	40	40	40	40	40	40	40
Emmonak	24	2	27-May	28-May	20-Jun	23-Jun	27-Jun	2-Jul	11-Jul
Y1/Y2 Border	63	2	28-May	29-May	21-Jun	24-Jun	28-Jun	3-Jul	12-Jul
Mt Village	87	1	29-May	30-May	22-Jun	25-Jun	29-Jun	4-Jul	13-Jul
Pilot Station	123	0	30-May	31-May	23-Jun	26-Jun	30-Jun	5-Jul	14-Jul
Marshall	161	1	31-May	1-Jun	24-Jun	27-Jun	1-Jul	6-Jul	15-Jul
Y2/Y3 Border	193	2	1-Jun	2-Jun	25-Jun	28-Jun	2-Jul	7-Jul	16-Jul
Russian Mission	213	2	1-Jun	2-Jun	25-Jun	28-Jun	2-Jul	7-Jul	16-Jul
Holy Cross	279	4	3-Jun	4-Jun	27-Jun	30-Jun	4-Jul	9-Jul	18-Jul
Y3/Y4A Lower Border	300	4	3-Jun	4-Jun	27-Jun	30-Jun	4-Jul	9-Jul	18-Jul
Travels in Miles Per Day		40	40	40	40	40	40	40	40
Anvik	318	5	4-Jun	5-Jun	28-Jun	1-Jul	5-Jul	9-Jul	18-Jul
Grayling	336	5	4-Jun	5-Jun	28-Jun	1-Jul	5-Jul	10-Jul	19-Jul
Y4A Lower/Y4A Upper Border	423	8	7-Jun	8-Jun	1-Jul	4-Jul	8-Jul	12-Jul	21-Jul
Kaltag	450	8	7-Jun	8-Jun	1-Jul	4-Jul	8-Jul	13-Jul	22-Jul
Koyukuk	502	9	8-Jun	9-Jun	2-Jul	5-Jul	9-Jul	14-Jul	23-Jul
Y4A Upper/Y4BC Border	513	10	9-Jun	10-Jun	3-Jul	6-Jul	10-Jul	14-Jul	23-Jul
Galena	530	10	9-Jun	10-Jun	3-Jul	6-Jul	10-Jul	15-Jul	24-Jul
Ruby	581	11	10-Jun	11-Jun	4-Jul	7-Jul	11-Jul	16-Jul	25-Jul
Y4BC/Y5ABC Border	664	14	13-Jun	14-Jun	7-Jul	10-Jul	14-Jul	18-Jul	27-Jul
Tanana	695	14	13-Jun	14-Jun	7-Jul	10-Jul	14-Jul	19-Jul	28-Jul
Rapids	731	15	14-Jun	15-Jun	8-Jul	11-Jul	15-Jul	20-Jul	29-Jul
Rampart	763	16	15-Jun	16-Jun	9-Jul	12-Jul	16-Jul	21-Jul	30-Jul
Y5ABC/Y5D Lower Border	832	18	17-Jun	18-Jun	11-Jul	14-Jul	18-Jul	22-Jul	31-Jul
Stevens Village	847	18	17-Jun	18-Jun	11-Jul	14-Jul	18-Jul	23-Jul	1-Aug
Beaver	932	20	19-Jun	20-Jun	13-Jul	16-Jul	20-Jul	25-Jul	3-Aug
Y5D Lower/Y5D Middle Border	952	21	20-Jun	21-Jun	14-Jul	17-Jul	21-Jul	25-Jul	3-Aug
Fort Yukon	1,002	22	21-Jun	22-Jun	15-Jul	18-Jul	22-Jul	27-Jul	5-Aug
Y5D Middle/Y5D Upper	1,039	23	22-Jun	23-Jun	16-Jul	19-Jul	23-Jul	27-Jul	5-Aug
Circle	1,061	23	22-Jun	23-Jun	16-Jul	19-Jul	23-Jul	28-Jul	6-Aug
Canadian Border	1,224	28	27-Jun	28-Jun	21-Jul	24-Jul	28-Jul	1-Aug	10-Aug

Approximate Location of Chinook Salmon Pulses Up the Tanana River (35 miles per day).

Manley	765	16	15-Jun	16-Jun	9-Jul	12-Jul	16-Jul	21-Jul	30-Jul
Kantishna	793	17	16-Jun	17-Jun	10-Jul	13-Jul	17-Jul	21-Jul	30-Jul
Nenana/Toklat	860	18	17-Jun	18-Jun	11-Jul	14-Jul	18-Jul	23-Jul	1-Aug
Salcha River	965	21	20-Jun	21-Jun	14-Jul	17-Jul	21-Jul	26-Jul	4-Aug
Delta River	1,031	23	22-Jun	23-Jun	16-Jul	19-Jul	23-Jul	27-Jul	5-Aug
Bluff Cabin Slough	1,049	23	22-Jun	23-Jun	16-Jul	19-Jul	23-Jul	28-Jul	6-Aug

Approximate Location of Chinook Salmon Pulses Up the Koyukuk River (40 miles per day).

Koyukuk River Mouth	508	10	8-Jun	9-Jun	2-Jul	5-Jul	9-Jul	14-Jul	23-Jul
Huslia	711	15	13-Jun	14-Jun	7-Jul	10-Jul	14-Jul	19-Jul	28-Jul
Hughes	881	19	17-Jun	18-Jun	11-Jul	14-Jul	18-Jul	23-Jul	1-Aug
Allakaket/Alatna	956	21	19-Jun	20-Jun	13-Jul	16-Jul	20-Jul	25-Jul	3-Aug

Approximate Location of Summer chum Salmon Pulses by Date of the Pulse Past Pilot Station Continuing Up the Yukon River, 2020.

Community	RIVER MILES	DAYS BETWEEN SITES	FIRST FISH	EARLY FISH	PULSE 1	PULSE 2	PULSE 3	PULSE 4	PULSE 5
	Number of Days		1	21	7	6	4	3	
	Dates at Pilot		1-Jun	2-Jun	23-Jun	30-Jun	6-Jul	10-Jul	13-Jul
	Pilot Station Passage			32,227	272,464	147,566	83,683	61,079	
Travel in miles per day		25	25	25	25	25	25	25	25
Emmonak	24	4	28-May	29-May	19-Jun	26-Jun	2-Jul	6-Jul	9-Jul
Y1/Y2 Border	63	2	31-May	1-Jun	22-Jun	29-Jun	5-Jul	9-Jul	12-Jul
Mt. Village	87	1	31-May	1-Jun	22-Jun	29-Jun	5-Jul	9-Jul	12-Jul
Pilot Station	123	0	1-Jun	2-Jun	23-Jun	30-Jun	6-Jul	10-Jul	13-Jul
Marshall	161	2	3-Jun	4-Jun	25-Jun	2-Jul	8-Jul	12-Jul	15-Jul
Y2/Y3 Border	193	3	4-Jun	5-Jun	26-Jun	3-Jul	9-Jul	13-Jul	16-Jul
Russian Mission	213	4	5-Jun	6-Jun	27-Jun	4-Jul	10-Jul	14-Jul	17-Jul
Holy Cross	279	6	7-Jun	8-Jun	29-Jun	6-Jul	12-Jul	16-Jul	19-Jul
Y3/Y4A Lower Border	300	7	8-Jun	9-Jun	30-Jun	7-Jul	13-Jul	17-Jul	20-Jul
Anvik	318	8	9-Jun	10-Jun	1-Jul	8-Jul	14-Jul	18-Jul	21-Jul
Grayling	336	9	10-Jun	11-Jun	2-Jul	9-Jul	15-Jul	19-Jul	22-Jul
Kaltag	450	13	14-Jun	15-Jun	6-Jul	13-Jul	19-Jul	23-Jul	26-Jul
Koyukuk	502	15	16-Jun	17-Jun	8-Jul	15-Jul	21-Jul	25-Jul	28-Jul
Y4A Upper/Y4BC Border	513	16	17-Jun	18-Jun	9-Jul	16-Jul	22-Jul	26-Jul	29-Jul
Galena	530	16	17-Jun	18-Jun	9-Jul	16-Jul	22-Jul	26-Jul	29-Jul
Ruby	581	18	19-Jun	20-Jun	11-Jul	18-Jul	24-Jul	28-Jul	31-Jul
Y4BC/Y5ABC Border	664	22	23-Jun	24-Jun	15-Jul	22-Jul	28-Jul	1-Aug	4-Aug
Tanana	695	23	24-Jun	25-Jun	16-Jul	23-Jul	29-Jul	2-Aug	5-Aug
Manley	765	26	27-Jun	28-Jun	19-Jul	26-Jul	1-Aug	5-Aug	8-Aug
Kantishna	793	27	28-Jun	29-Jun	20-Jul	27-Jul	2-Aug	6-Aug	9-Aug
Nenana/Toklat	860	29	30-Jun	1-Jul	22-Jul	29-Jul	4-Aug	8-Aug	11-Aug
Salcha River	965	34	5-Jul	6-Jul	27-Jul	3-Aug	9-Aug	13-Aug	16-Aug
Delta River	1,031	36	7-Jul	8-Jul	29-Jul	5-Aug	11-Aug	15-Aug	18-Aug
Bluff Cabin Slough	1,049	37	8-Jul	9-Jul	30-Jul	6-Aug	12-Aug	16-Aug	19-Aug

Note: Early groups of Summer chum salmon may not contain a large number of Tanana-bound stocks until later in the season.

Approximate Location of Summer Chum Salmon Pulses Up the Koyukuk River (25 miles per day).

Koyukuk River Mouth	508	15	16-Jun	17-Jun	8-Jul	15-Jul	21-Jul	25-Jul	28-Jul
Huslia	711	24	25-Jun	26-Jun	17-Jul	24-Jul	30-Jul	3-Aug	6-Aug
Hughes	881	30	1-Jul	2-Jul	23-Jul	30-Jul	5-Aug	9-Aug	12-Aug
Allakaket/Alatna	956	33	4-Jul	5-Jul	26-Jul	2-Aug	8-Aug	12-Aug	15-Aug

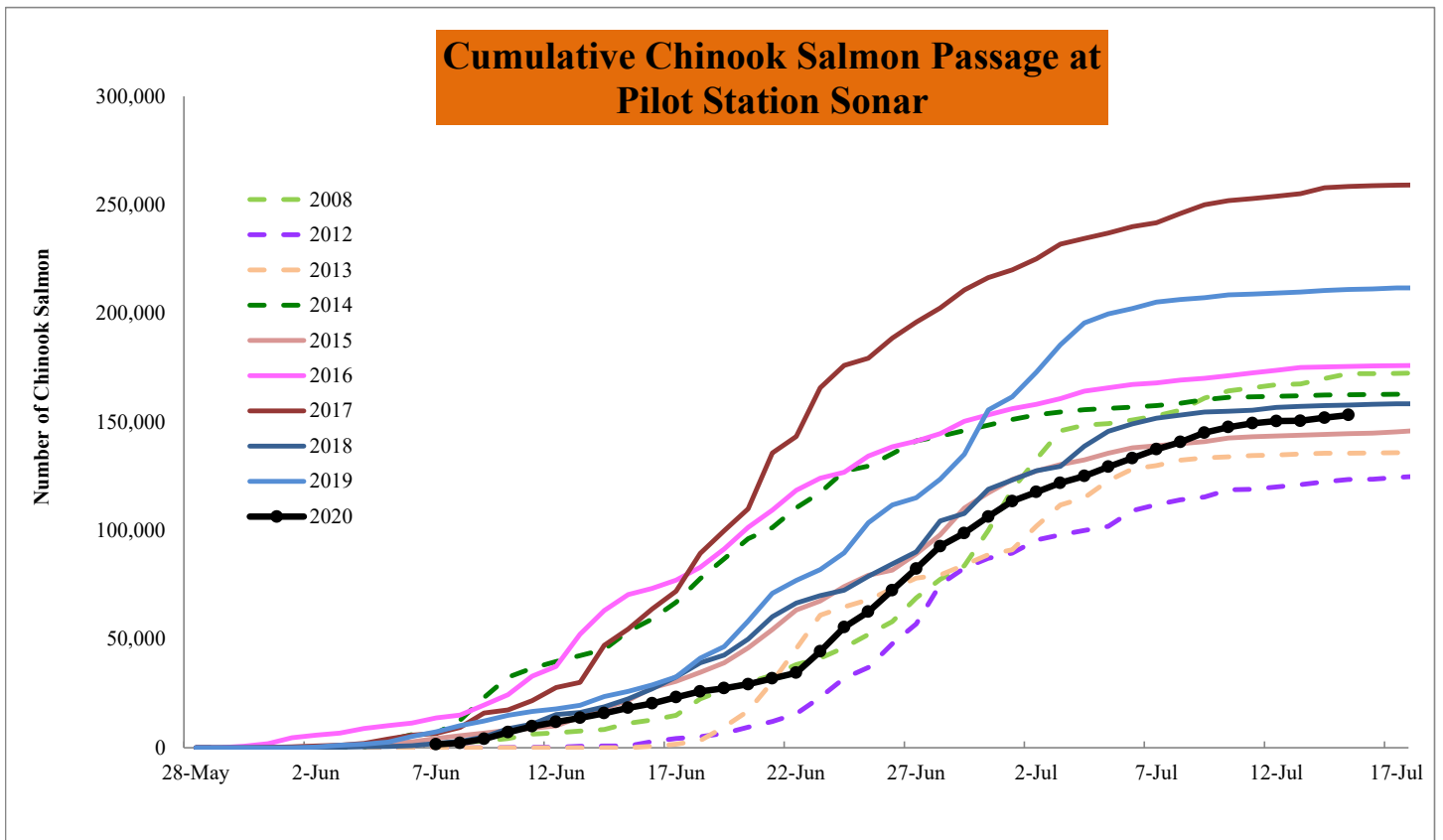


Figure 1. Cumulative Chinook salmon passage at Pilot Station sonar, 2008, 2012-2020.

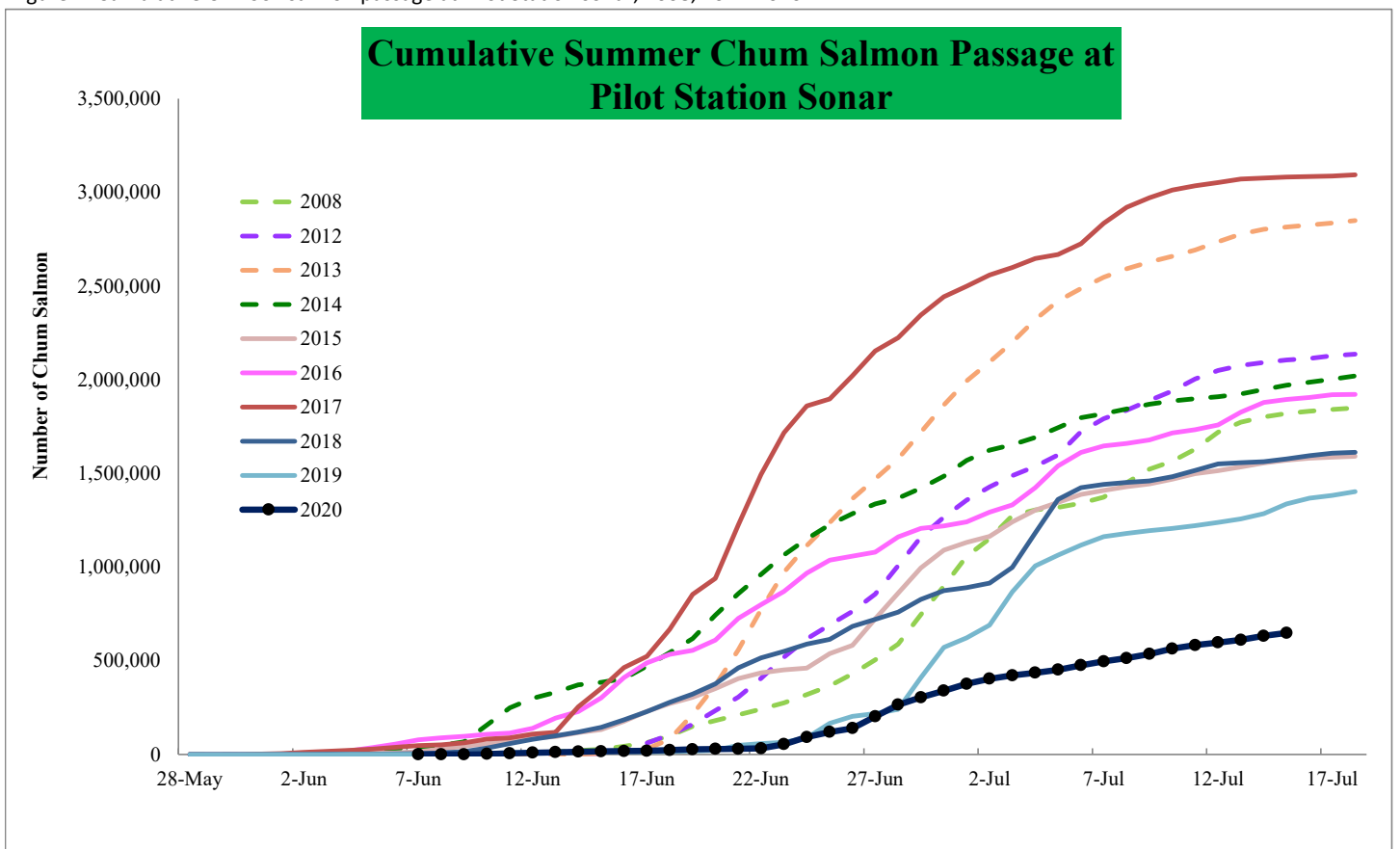
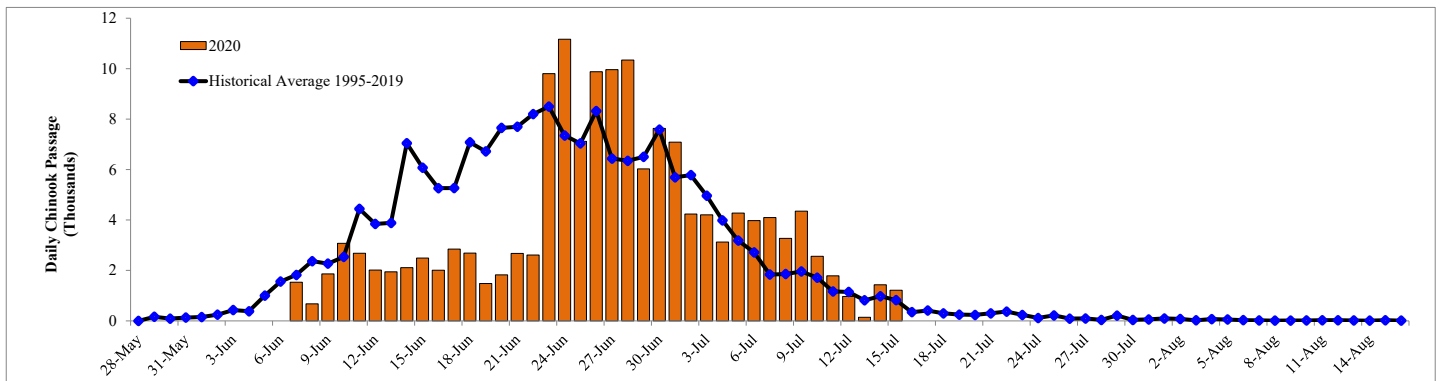
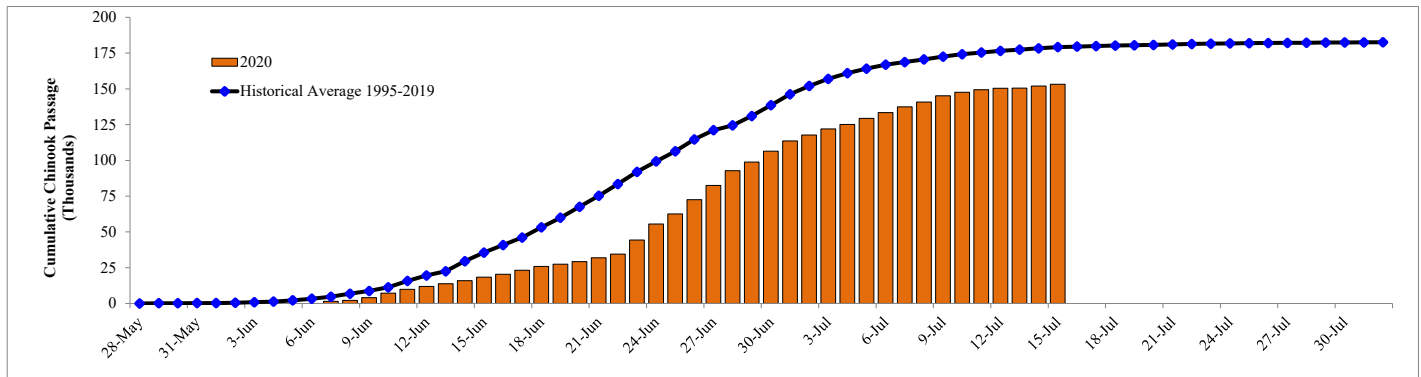


Figure 2. Cumulative summer chum salmon passage at Pilot Station sonar, 2008 and 2012-2020.



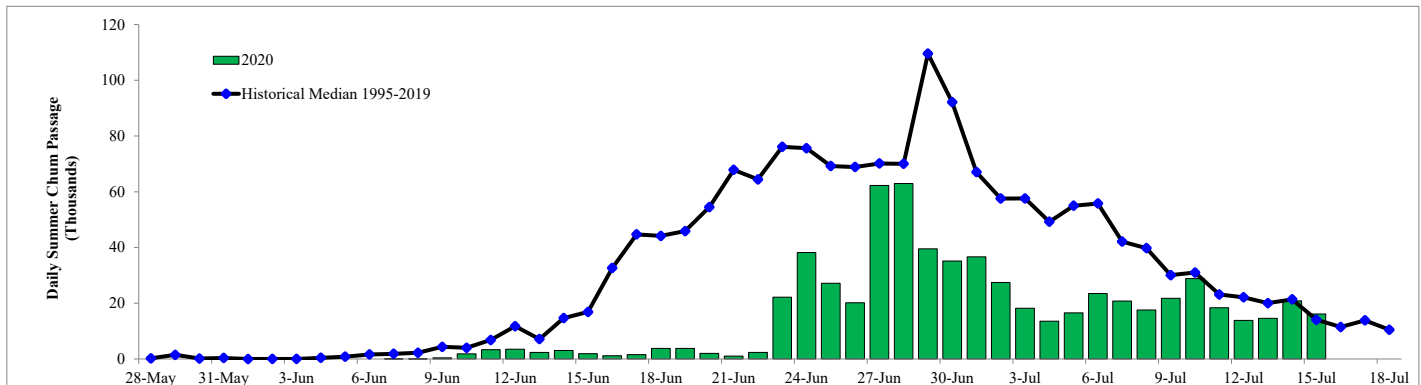
Note: Historical average does not include 1998-1999, 2001, and 2009.

Figure 1. Daily sonar passage counts attributed to Chinook salmon, located near the community of Pilot Station, Yukon River.



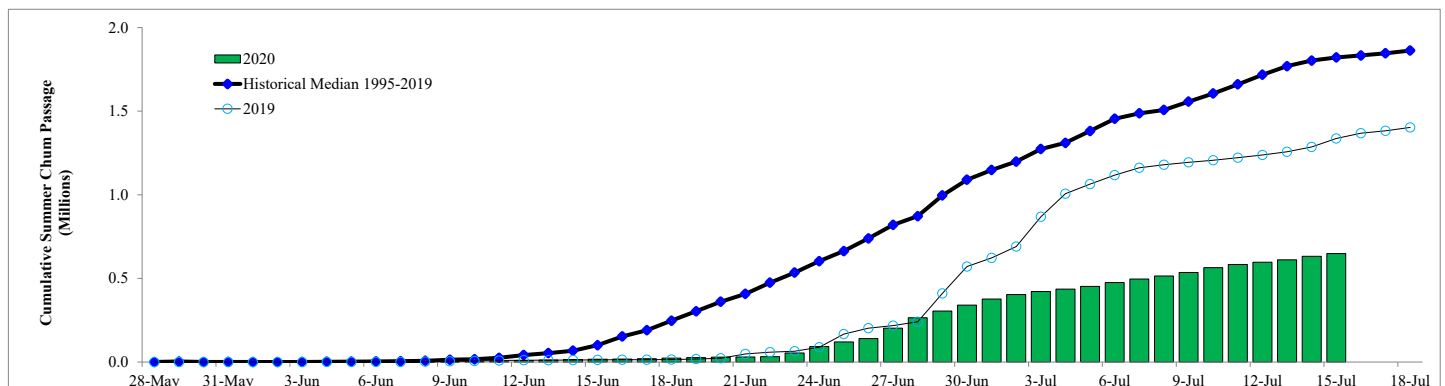
Note: Historical average does not include 1998-1999, 2001, and 2009.

Figure 2. Cumulative sonar passage counts attributed to Chinook salmon, located near the community of Pilot Station, Yukon River.



Note: Historical median does not include 1998, 1999, 2001, or 2009.

Figure 3. Daily sonar passage counts attributed to summer chum salmon, located near the community of Pilot Station, Yukon River.



Note: Historical median does not include 1998, 1999, 2001, or 2009.

Figure 4. Cumulative sonar passage counts attributed to summer chum salmon, located near the community of Pilot Station, Yukon River.

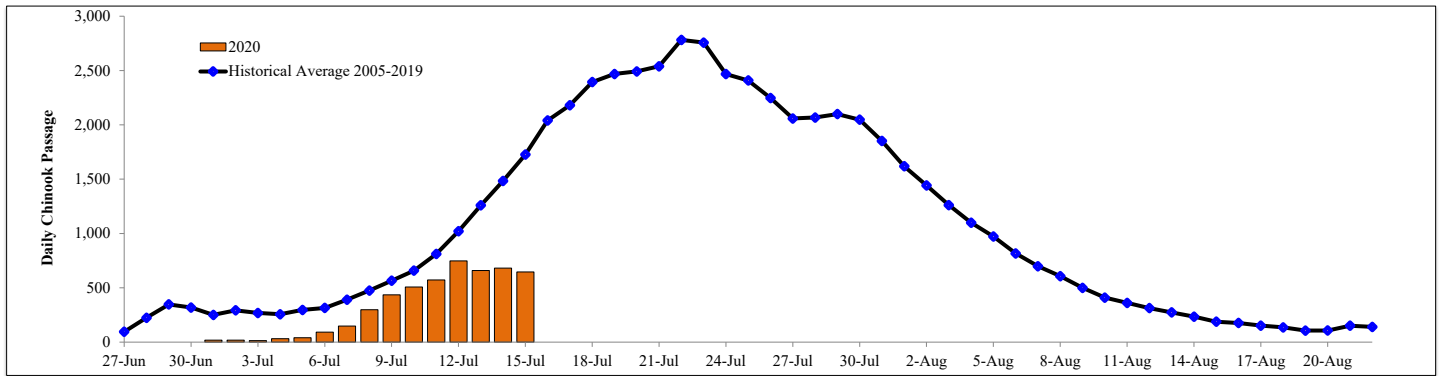


Figure 4. Historical Chinook salmon daily passage average at Eagle Sonar compared to 2020.

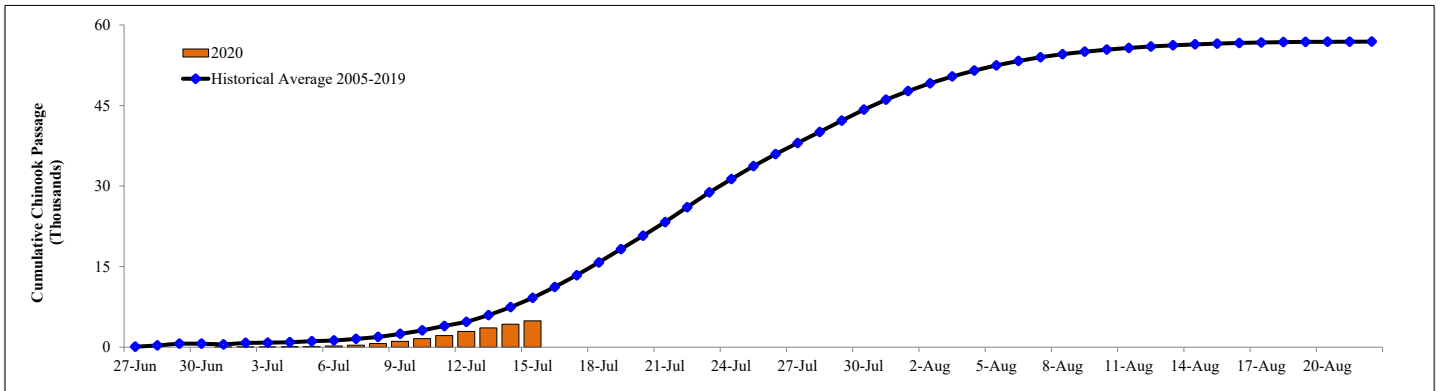


Figure 5. Historical Chinook salmon cumulative passage average at Eagle Sonar compared to 2020.

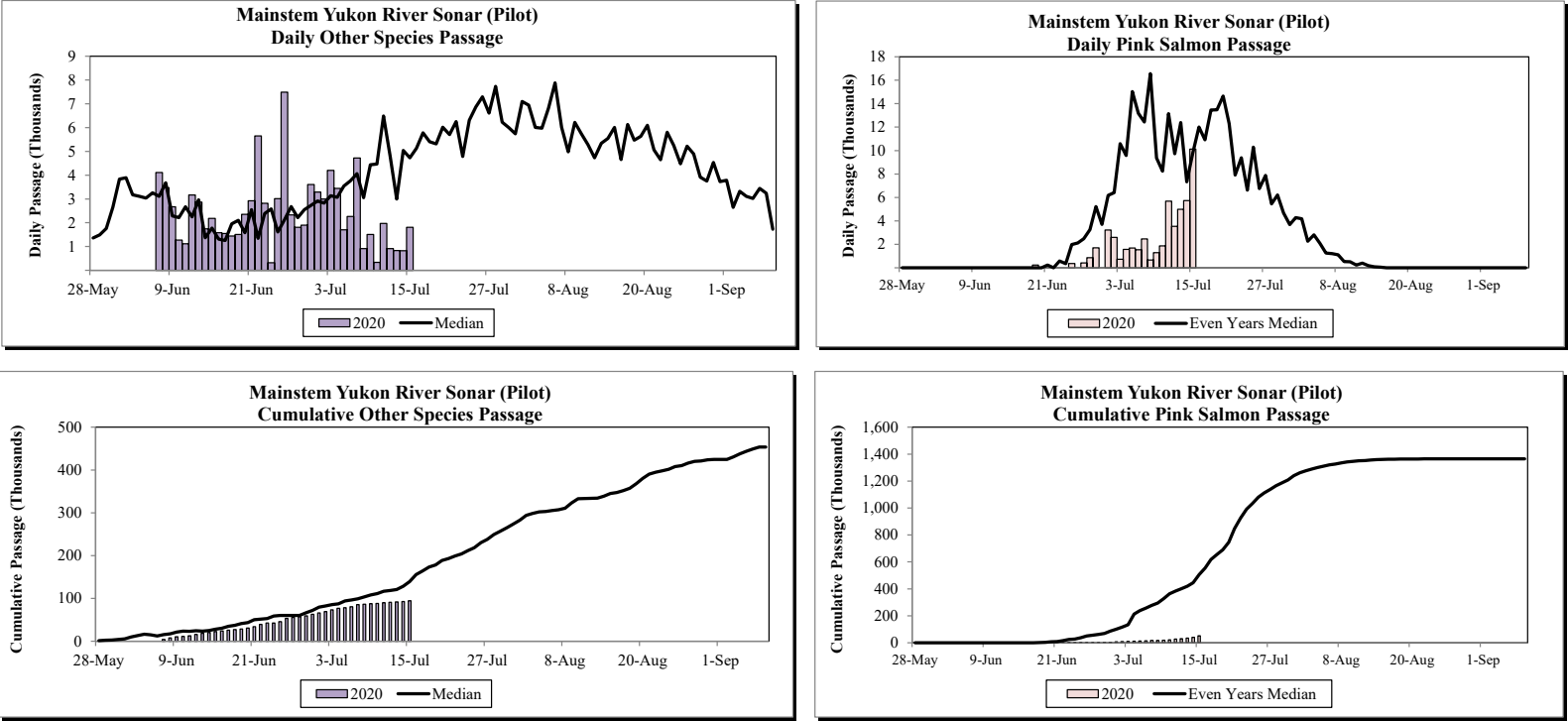


Figure 6. Daily (top) and cumulative (bottom) sonar passage estimates attributed to other non-salmon species (left) and pink salmon (right) the entire season, based on the mainstem Yukon River sonar operated near Pilot Station, Yukon Area, 1995–2019, compared to 2020.

2020 Daily and Cumulative CHINOOK salmon test fishery CPUE, and escapements Preliminary project information, subject to change											
	Big Eddy Lower Yukon Test Fishery (Set) - ADF&G & YDFDA			Big Eddy Lower Yukon Test Fishery (Drift)- ADF&G & YDFDA				Pilot Station Sonar - ADF&G			
	Daily Catch	Daily CPUE	Cumulative CPUE ^a	Daily Catch	Daily CPUE	Cumulative CPUE	Average Cumulative CPUE ^b	Daily Counts	Cumulative Counts	Average Cumulative Counts ^c	Date
24-May											24-May
25-May				-	-	-	1.23				25-May
26-May				-	-	-	1.23				26-May
27-May				-	-	-	1.23				27-May
28-May				-	-	-	2.12				28-May
29-May	-	-	-	0	0.00	0.00	3.22				29-May
30-May	-	-	-	1	1.60	1.60	4.82				30-May
31-May	-	-	-	0	0.00	1.60	7.23	-	-	270	31-May
1-Jun	-	-	-	1	3.95	5.55	10.12	-	-	305	1-Jun
2-Jun	-	-	-	0	0.00	5.55	13.62	-	-	521	2-Jun
3-Jun	2	0.57	0.57	2	3.51	9.06	15.54	-	-	904	3-Jun
4-Jun	2	0.17	0.74	1	1.58	10.64	17.10	-	-	1,287	4-Jun
5-Jun	2	0.17	0.90	0	0.00	10.64	19.16	-	-	2,182	5-Jun
6-Jun	3	0.25	1.15	0	0.00	10.64	21.78	-	-	3,306	6-Jun
7-Jun	7	0.58	1.74	3	4.74	15.37	31.11	1,534	1,534	4,739	7-Jun
8-Jun	5	0.42	2.15	0	0.00	15.37	37.59	677	2,211	6,844	8-Jun
9-Jun	10	0.83	2.99	3	4.74	20.11	44.32	1,862	4,073	8,753	9-Jun
10-Jun	7	0.58	3.57	5	7.90	28.00	48.25	3,075	7,148	11,289	10-Jun
11-Jun	13	1.08	4.66	14	22.11	50.11	62.00	2,684	9,832	15,730	11-Jun
12-Jun	10	0.83	5.49	0	0.00	50.11	74.90	2,014	11,846	19,574	12-Jun
13-Jun	4	0.33	5.82	1	1.58	51.69	89.00	1,946	13,792	22,479	13-Jun
14-Jun	10	0.83	6.66	2	3.16	54.85	103.67	2,113	15,905	29,523	14-Jun
15-Jun	9	0.75	7.41	6	9.47	64.32	117.16	2,493	18,398	35,597	15-Jun
16-Jun	7	0.58	7.99	6	9.54	73.86	127.56	2,006	20,404	40,859	16-Jun
17-Jun	8	0.67	8.66	2	3.16	77.01	150.55	2,848	23,252	46,127	17-Jun
18-Jun	10	0.83	9.49	3	4.74	81.75	173.93	2,688	25,940	53,207	18-Jun
19-Jun	7	0.58	10.08	4	6.32	88.07	193.47	1,485	27,425	59,927	19-Jun
20-Jun	3	0.25	10.33	5	7.90	95.96	207.50	1,826	29,251	67,580	20-Jun
21-Jun	1	0.08	10.41	16	25.26	121.23	221.79	2,674	31,925	75,277	21-Jun
22-Jun	3	0.25	10.66	13	20.53	141.75	235.27	2,611	34,536	83,476	22-Jun
23-Jun	4	0.33	10.99	4	12.63	154.38	261.47	9,801	44,337	91,973	23-Jun
24-Jun	0	0.00	10.99	17	26.84	181.23	275.27	11,169	55,506	99,325	24-Jun
25-Jun	4	0.33	11.33	9	14.21	195.44	301.56	7,121	62,627	106,360	25-Jun
26-Jun	2	0.33	11.66	19	55.61	251.05	317.80	9,879	72,506	114,681	26-Jun
27-Jun	10	0.56	12.22	-	0.00	251.05	335.39	9,959	82,465	121,116	27-Jun
28-Jun	8	0.67	12.88	4	6.32	257.36	343.59	10,345	92,810	124,501	28-Jun
29-Jun	8	0.67	13.55	8	12.63	269.99	353.36	6,026	98,836	131,005	29-Jun
30-Jun	4	0.33	13.88	1	1.58	271.57	361.62	7,630	106,466	138,589	30-Jun
1-Jul	4	0.33	14.22	4	6.32	277.89	369.98	7,088	113,554	146,225	1-Jul
2-Jul	10	0.83	15.05	0	0.00	277.89	377.06	4,237	117,791	152,007	2-Jul
3-Jul	2	0.17	15.22	5	7.90	285.78	383.23	4,202	121,993	156,971	3-Jul
4-Jul	2	0.17	15.38	0	0.00	285.78	387.00	3,129	125,122	160,960	4-Jul
5-Jul	3	0.25	15.63	0	0.00	285.78	388.42	4,277	129,399	164,145	5-Jul
6-Jul	3	0.25	15.88	0	0.00	285.78	390.21	3,977	133,376	166,862	6-Jul
7-Jul	9	0.75	16.63	1	1.58	287.36	390.79	4,100	137,476	168,701	7-Jul
8-Jul	4	0.33	16.97	0	0.00	287.36	393.40	3,269	140,745	170,561	8-Jul
9-Jul	0	0.00	16.97	0	0.00	287.36	394.18	4,349	145,094	172,521	9-Jul
10-Jul	0	0.00	16.97	0	0.00	287.36	394.77	2,563	147,657	174,238	10-Jul
11-Jul	1	0.08	17.05	0	0.00	287.36	395.73	1,789	149,446	175,406	11-Jul
12-Jul	4	0.33	17.39	2	3.16	290.52	396.21	970	150,416	176,554	12-Jul
13-Jul	1	0.17	17.55	0	0.00	290.52	396.33	140	150,556	177,372	13-Jul
14-Jul				0	0.00	290.52	396.33	1,432	151,988	178,350	14-Jul
15-Jul				0	0.00	290.52	396.55	1,218	153,206	179,173	15-Jul
16-Jul								-	-	179,519	16-Jul
17-Jul								-	-	179,929	17-Jul
18-Jul								-	-	180,230	18-Jul
19-Jul								-	-	180,480	19-Jul
20-Jul								-	-	180,716	20-Jul
21-Jul								-	-	181,017	21-Jul
22-Jul								-	-	181,387	22-Jul
23-Jul								-	-	181,622	23-Jul
24-Jul								-	-	181,737	24-Jul
25-Jul								-	-	181,955	25-Jul
26-Jul								-	-	182,045	26-Jul
27-Jul								-	-	182,141	27-Jul
28-Jul								-	-	182,182	28-Jul
29-Jul								-	-	182,393	29-Jul
30-Jul								-	-	182,433	30-Jul
31-Jul								-	-	182,491	31-Jul
1-Aug								-	-	182,587	1-Aug
2-Aug								-	-	182,667	2-Aug
3-Aug								-	-	182,690	3-Aug
4-Aug								-	-	182,762	4-Aug
5-Aug								-	-	182,817	5-Aug
6-Aug								-	-	182,846	6-Aug
7-Aug								-	-	182,864	7-Aug
8-Aug								-	-	182,874	8-Aug
9-Aug								-	-	182,886	9-Aug
10-Aug								-	-	182,901	10-Aug
11-Aug								-	-	182,927	11-Aug
12-Aug								-	-	182,953	12-Aug
13-Aug								-	-	182,967	13-Aug
14-Aug								-	-	182,978	14-Aug
15-Aug								-	-	183,002	15-Aug
16-Aug								-	-	183,011	16-Aug
17-Aug											17-Aug
a Historical set CPUE is not comparable to 2020				Acronyms							
b Does not include 2001, 2004, or 2007-2009.				ADF&G - Alaska Department of Fish and Game							
c Does not include 1998-1999, 2001, or 2009.				DFO - Department of Fisheries and Oceans Canada							
				MEI - Metla Environmental Incorporated							
				TCC - Tanana Chiefs Conference							
				USFWS - United States Fish and Wildlife Service							
				VGG - Vuntut Gwitch'in Government							
				YDFDA - Yukon Delta Fisheries Development Association							
				YE - Yukon Energy							
				BSFA - Bering Sea Fisherman's Association							

2020 Daily and Cumulative CHINOOK salmon test fishery CPUE, and escapements Preliminary project information, subject to change				
	Chena River Tower - ADF&G		Eagle Sonar - ADF&G	
	Escapement Goal 2,800 to 5,700 (BEG)		Border Escapement Goal 42,500 to 55,000 (IMEG) +	
Date	Daily Counts	Cumulative Counts	Daily Counts	Cumulative Counts
24-Jun	- ^a	-		
25-Jun	- ^a	-		
26-Jun	- ^a	-		
27-Jun	- ^a	-		
28-Jun	- ^a	-		
29-Jun	- ^a	-		
30-Jun	- ^a	-		
1-Jul	- ^a	-	19	19
2-Jul	- ^a	-	18	37
3-Jul	- ^a	-	14	51
4-Jul	- ^a	-	31	82
5-Jul	- ^a	-	40	122
6-Jul	0 ^b	0	92	214
7-Jul	53 ^c	53	148	362
8-Jul	15 ^c	68	298	660
9-Jul	3 ^c	71	435	1,095
10-Jul	12 ^c	83	508	1,603
11-Jul	64 ^c	147	573	2,176
12-Jul	69 ^c	216	748	2,924
13-Jul	23 ^c	239	659	3,583
14-Jul	27 ^c	266	682	4,265
15-Jul	30 ^c	296	646	4,911
16-Jul	-	-	-	-
17-Jul	-	-	-	-
18-Jul	-	-	-	-
19-Jul	-	-	-	-
20-Jul	-	-	-	-
21-Jul	-	-	-	-
22-Jul	-	-	-	-
23-Jul	-	-	-	-
24-Jul	-	-	-	-
25-Jul	-	-	-	-
26-Jul	-	-	-	-
27-Jul	-	-	-	-
28-Jul	-	-	-	-
29-Jul	-	-	-	-
30-Jul	-	-	-	-
31-Jul	-	-	-	-
1-Aug	-	-	-	-
2-Aug	-	-	-	-
3-Aug			-	-
4-Aug			-	-
5-Aug			-	-
6-Aug			-	-
7-Aug			-	-
8-Aug			-	-
9-Aug			-	-
10-Aug			-	-
11-Aug			-	-
12-Aug			-	-
13-Aug			-	-
14-Aug			-	-
15-Aug				
16-Aug				
17-Aug				
18-Aug				
19-Aug				
20-Aug				
21-Aug				
22-Aug				
23-Aug				
24-Aug				
25-Aug				
26-Aug				
27-Aug				
28-Aug				
29-Aug				
30-Aug				
31-Aug				
1-Sep				
Acronyms				
ADF&G - Alaska Department of Fish and Game				
DFO - Department of Fisheries and Oceans Canada				
MEI - Metla Environmental Incorporated				
TCC - Tanana Chiefs Conference				
USFWS - United States Fish and Wildlife Service				
VGG - Vuntut Gwitch'in Government				
YDFDA - Yukon Delta Fisheries Development Association				
YE - Yukon Energy				
BSFA - Bering Sea Fisherman's Association				
a Out of operation due to high water b Partial day operation c Apportionment by species not possible, majority of count assumed to be Chinook				

2020 Daily and Cumulative CHINOOK salmon test fishery CPUE, and escapements Preliminary project information, subject to change										
Upper Porcupine Sonar - DFO/VGG		Big Salmon Sonar - MEI		Pelly Sonar - SFN		Whitehorse Dam - YE		Blind Creek Weir - YRP		
Daily Counts	Cumulative Counts	Daily Counts	Cumulative Counts	Daily Counts	Cumulative Counts	Daily Counts	Cumulative Counts	Daily Counts	Cumulative Counts	Date
										24-Jun
										25-Jun
										26-Jun
-	-									27-Jun
-	-									28-Jun
-	-									29-Jun
-	-									30-Jun
-	-									1-Jul
-	-									2-Jul
-	-									3-Jul
-	-									4-Jul
-	-									5-Jul
-	-									6-Jul
-	-									7-Jul
-	-									8-Jul
-	-									9-Jul
-	-			-	-					10-Jul
-	-			-	-			-	-	11-Jul
-	-			-	-			-	-	12-Jul
-	-			-	-			-	-	13-Jul
-	-	-	-	37	37			-	-	14-Jul
-	-	-	-	-	-			-	-	15-Jul
-	-	-	-	-	-			-	-	16-Jul
-	-	-	-	-	-			-	-	17-Jul
-	-	-	-	-	-			-	-	18-Jul
-	-	-	-	-	-			-	-	19-Jul
-	-	-	-	-	-	-	-	-	-	20-Jul
-	-	-	-	-	-	-	-	-	-	21-Jul
-	-	-	-	-	-	-	-	-	-	22-Jul
-	-	-	-	-	-	-	-	-	-	23-Jul
-	-	-	-	-	-	-	-	-	-	24-Jul
-	-	-	-	-	-	-	-	-	-	25-Jul
-	-	-	-	-	-	-	-	-	-	26-Jul
-	-	-	-	-	-	-	-	-	-	27-Jul
-	-	-	-	-	-	-	-	-	-	28-Jul
-	-	-	-	-	-	-	-	-	-	29-Jul
-	-	-	-	-	-	-	-	-	-	30-Jul
-	-	-	-	-	-	-	-	-	-	31-Jul
-	-	-	-	-	-	-	-	-	-	1-Aug
-	-	-	-	-	-	-	-	-	-	2-Aug
-	-	-	-	-	-	-	-	-	-	3-Aug
-	-	-	-	-	-	-	-	-	-	4-Aug
-	-	-	-	-	-	-	-	-	-	5-Aug
-	-	-	-	-	-	-	-	-	-	6-Aug
-	-	-	-	-	-	-	-	-	-	7-Aug
-	-	-	-	-	-	-	-	-	-	8-Aug
-	-	-	-	-	-	-	-	-	-	9-Aug
-	-	-	-	-	-	-	-	-	-	10-Aug
-	-	-	-	-	-	-	-	-	-	11-Aug
-	-	-	-	-	-	-	-	-	-	12-Aug
-	-	-	-	-	-	-	-	-	-	13-Aug
-	-	-	-	-	-	-	-	-	-	14-Aug
-	-	-	-	-	-	-	-	-	-	15-Aug
-	-	-	-	-	-	-	-	-	-	16-Aug
-	-	-	-	-	-	-	-	-	-	17-Aug
-	-	-	-	-	-	-	-	-	-	18-Aug
-	-	-	-	-	-	-	-	-	-	19-Aug
-	-	-	-	-	-	-	-	-	-	20-Aug
-	-	-	-	-	-	-	-	-	-	21-Aug
-	-	-	-	-	-	-	-	-	-	22-Aug
-	-	-	-	-	-	-	-	-	-	23-Aug
-	-	-	-	-	-	-	-	-	-	24-Aug
-	-	-	-	-	-	-	-	-	-	25-Aug
-	-	-	-	-	-	-	-	-	-	26-Aug
-	-	-	-	-	-	-	-	-	-	27-Aug
-	-	-	-	-	-	-	-	-	-	28-Aug
-	-	-	-	-	-	-	-	-	-	29-Aug
-	-	-	-	-	-	-	-	-	-	30-Aug
-	-	-	-	-	-	-	-	-	-	31-Aug
-	-	-	-	-	-	-	-	-	-	1-Sep
Acronyms ADF&G - Alaska Department of Fish and Game DFO - Department of Fisheries and Oceans Canada MEI - Metla Environmental Incorporated TCC - Tanana Chiefs Conference USFWS - United States Fish and Wildlife Service VGG - Vuntut Gwitch'in Government YDFDA - Yukon Delta Fisheries Development Association YE - Yukon Energy BSFA - Bering Sea Fisherman's Association										

2020 Daily and Cumulative SUMMER CHUM salmon test fishery CPUE, and escapements											
Preliminary project information, subject to change.											
	Big Eddy and Middle Mouth Lower Yukon Test Fishery (Drift) - ADF&G and YDFDA			Pilot Station Sonar - ADF&G			Andreafsky River Weir - USFWS		Anvik River Sonar - ADF&G		
							Escapement Goal > 40,000 (SEG)		Escapement Goal 350,000-700,000 (BEG)		
Date	Daily Catch	Daily CPUE	Cumulative CPUE	Daily Counts	Cumulative Counts	Median Cumulative Counts ^a	Daily Counts	Cumulative Counts	Daily Counts	Cumulative Counts	Date
23-May							Not operational for 2020		Not operational for 2020		23-May
24-May											24-May
25-May	-	-	-								25-May
26-May	-	-	-								26-May
27-May	-	-	-								27-May
28-May	-	-	-								28-May
29-May	27	41.54	41.54								29-May
30-May	0	0.00	41.54								30-May
31-May	1	1.47	43.01	-	-	0					31-May
1-Jun	1	3.08	46.09	-	-	323					1-Jun
2-Jun	2	3.06	49.14	-	-	11					2-Jun
3-Jun	3	4.65	53.79	-	-	853					3-Jun
4-Jun	2	3.04	56.83	-	-	1,892					4-Jun
5-Jun	0	0.00	56.83	-	-	2,547					5-Jun
6-Jun	0	0.00	56.83	-	-	3,516					6-Jun
7-Jun	16	24.15	80.98	68	68	5,155					7-Jun
8-Jun	22	36.41	117.39	65	133	7,358					8-Jun
9-Jun	14	21.54	138.93	430	563	13,902					9-Jun
10-Jun	10	15.48	154.41	1,843	2,406	16,793					10-Jun
11-Jun	22	33.85	188.26	3,356	5,762	25,357					11-Jun
12-Jun	12	18.58	206.84	3,500	9,262	42,014					12-Jun
13-Jun	4	6.28	213.12	2,387	11,649	53,490					13-Jun
14-Jun	9	13.85	226.96	3,041	14,690	67,551					14-Jun
15-Jun	19	28.68	255.64	1,926	16,616	100,943					15-Jun
16-Jun	16	24.62	280.26	1,136	17,752	152,778			-	-	16-Jun
17-Jun	3	4.62	284.87	1,528	19,280	190,198			-	-	17-Jun
18-Jun	3	4.50	289.37	3,805	23,085	247,208			-	-	18-Jun
19-Jun	2	3.14	292.51	3,767	26,852	303,929			-	-	19-Jun
20-Jun	73	113.77	406.27	2,032	28,884	360,544			-	-	20-Jun
21-Jun	129	538.44	944.71	1,012	29,896	407,665			-	-	21-Jun
22-Jun	86	215.00	1,159.71	2,331	32,227	474,617			-	-	22-Jun
23-Jun	60	189.47	1,349.19	22,189	54,416	535,115			-	-	23-Jun
24-Jun	338	533.69	1,882.87	38,193	92,609	603,535			-	-	24-Jun
25-Jun	207	318.46	2,201.33	27,192	119,801	663,540			-	-	25-Jun
26-Jun	103	386.25	2,587.58	20,155	139,956	739,176			-	-	26-Jun
27-Jun	93	286.15	2,873.74	62,257	202,213	820,001			-	-	27-Jun
28-Jun	166	288.70	3,162.43	62,954	265,167	872,356	-	-	-	-	28-Jun
29-Jun	38	60.00	3,222.43	39,524	304,691	996,008	-	-	-	-	29-Jun
30-Jun	30	55.39	3,277.82	35,179	339,870	1,090,158	-	-	-	-	30-Jun
1-Jul	19	30.00	3,307.82	36,636	376,506	1,148,393	-	-	-	-	1-Jul
2-Jul	88	138.95	3,446.76	27,448	403,954	1,198,768	-	-	-	-	2-Jul
3-Jul	54	85.26	3,532.03	18,188	422,142	1,273,905	-	-	-	-	3-Jul
4-Jul	22	34.74	3,566.76	13,588	435,730	1,310,869	-	-	-	-	4-Jul
5-Jul	6	9.47	3,576.24	16,527	452,257	1,381,496	-	-	-	-	5-Jul
6-Jul	205	341.67	3,917.91	23,488	475,745	1,454,507	-	-	-	-	6-Jul
7-Jul	130	191.41	4,109.32	20,817	496,562	1,487,292	-	-	-	-	7-Jul
8-Jul	68	96.57	4,205.88	17,595	514,157	1,507,455	-	-	-	-	8-Jul
9-Jul	24	36.92	4,242.81	21,783	535,940	1,557,213	-	-	-	-	9-Jul
10-Jul	36	55.39	4,298.19	28,836	564,776	1,606,143	-	-	-	-	10-Jul
11-Jul	81	106.81	4,405.01	18,400	583,176	1,660,520	-	-	-	-	11-Jul
12-Jul	67	103.08	4,508.08	13,843	597,019	1,717,715	-	-	-	-	12-Jul
13-Jul	25	38.46	4,546.54	14,603	611,622	1,769,027	-	-	-	-	13-Jul
14-Jul	4	6.15	4,552.70	20,837	632,459	1,802,693	-	-	-	-	14-Jul
15-Jul	32	49.23	4,601.93	16,167	648,626	1,821,533	-	-	-	-	15-Jul
16-Jul				-	-	1,833,092	-	-	-	-	16-Jul
17-Jul				-	-	1,846,262	-	-	-	-	17-Jul
18-Jul				-	-	1,862,522	-	-	-	-	18-Jul
19-Jul							-	-	-	-	19-Jul
20-Jul							-	-	-	-	20-Jul
21-Jul							-	-	-	-	21-Jul
22-Jul							-	-	-	-	22-Jul
23-Jul							-	-	-	-	23-Jul
24-Jul							-	-	-	-	24-Jul
25-Jul							-	-	-	-	25-Jul
26-Jul							-	-	-	-	26-Jul
27-Jul							-	-			27-Jul
28-Jul							-	-			28-Jul
29-Jul							-	-			29-Jul
30-Jul							-	-			30-Jul
31-Jul											31-Jul
1-Aug											1-Aug
a Does not include 1998-1999, 2001, or 2009.						Acronyms ADF&G - Alaska Department of Fish and Game DFO - Department of Fisheries and Oceans Canada MEI - Metla Environmental Incorporated TCC - Tanana Chiefs Conference USFWS - United States Fish and Wildlife Service VGG - Vuntut Gwitch'in Government YDFDA - Yukon Delta Fisheries Development Association					

2020 Daily and Cumulative SUMMER CHUM salmon test fishery CPUE, and escapements Preliminary project information, subject to change.				
	Chena River Tower - ADF&G		Salcha River Tower - ADF&G	
Date	Daily Counts	Cumulative Counts	Daily Counts	Cumulative Counts
24-Jun	- ^a	-	Not operational for 2020	
25-Jun	- ^a	-	-	-
26-Jun	- ^a	-	-	-
27-Jun	- ^a	-	-	-
28-Jun	- ^a	-	-	-
29-Jun	- ^a	-	-	-
30-Jun	- ^a	-	-	-
1-Jul	- ^a	-	-	-
2-Jul	- ^a	-	-	-
3-Jul	- ^a	-	-	-
4-Jul	- ^a	-	-	-
5-Jul	- ^a	-	-	-
6-Jul	0 ^b	0	-	-
7-Jul	0 ^c	0	-	-
8-Jul	0 ^c	0	-	-
9-Jul	0 ^c	0	-	-
10-Jul	0 ^c	0	-	-
11-Jul	0 ^c	0	-	-
12-Jul	0 ^c	0	-	-
13-Jul	0 ^c	0	-	-
14-Jul	0 ^c	0	-	-
15-Jul	0 ^c	0	-	-
16-Jul	-	-	-	-
17-Jul	-	-	-	-
18-Jul	-	-	-	-
19-Jul	-	-	-	-
20-Jul	-	-	-	-
21-Jul	-	-	-	-
22-Jul	-	-	-	-
23-Jul	-	-	-	-
24-Jul	-	-	-	-
25-Jul	-	-	-	-
26-Jul	-	-	-	-
27-Jul	-	-	-	-
28-Jul	-	-	-	-
29-Jul	-	-	-	-
30-Jul	-	-	-	-
31-Jul	-	-	-	-
1-Aug	-	-	-	-
2-Aug	-	-	-	-
3-Aug				
4-Aug				
5-Aug				
6-Aug				
7-Aug				
8-Aug				
9-Aug				
10-Aug				
11-Aug				
12-Aug				
13-Aug				
14-Aug				
15-Aug				
16-Aug				
17-Aug				
Acronyms				
ADF&G - Alaska Department of Fish and Game				
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VGG - Vuntut Gwitch'in Government				
YDFDA - Yukon Delta Fisheries Development Association				
a Out of operation due to high water				
b Partial day operation				
c Apportionment by species not possible, majority of count assumed to be Chinook				

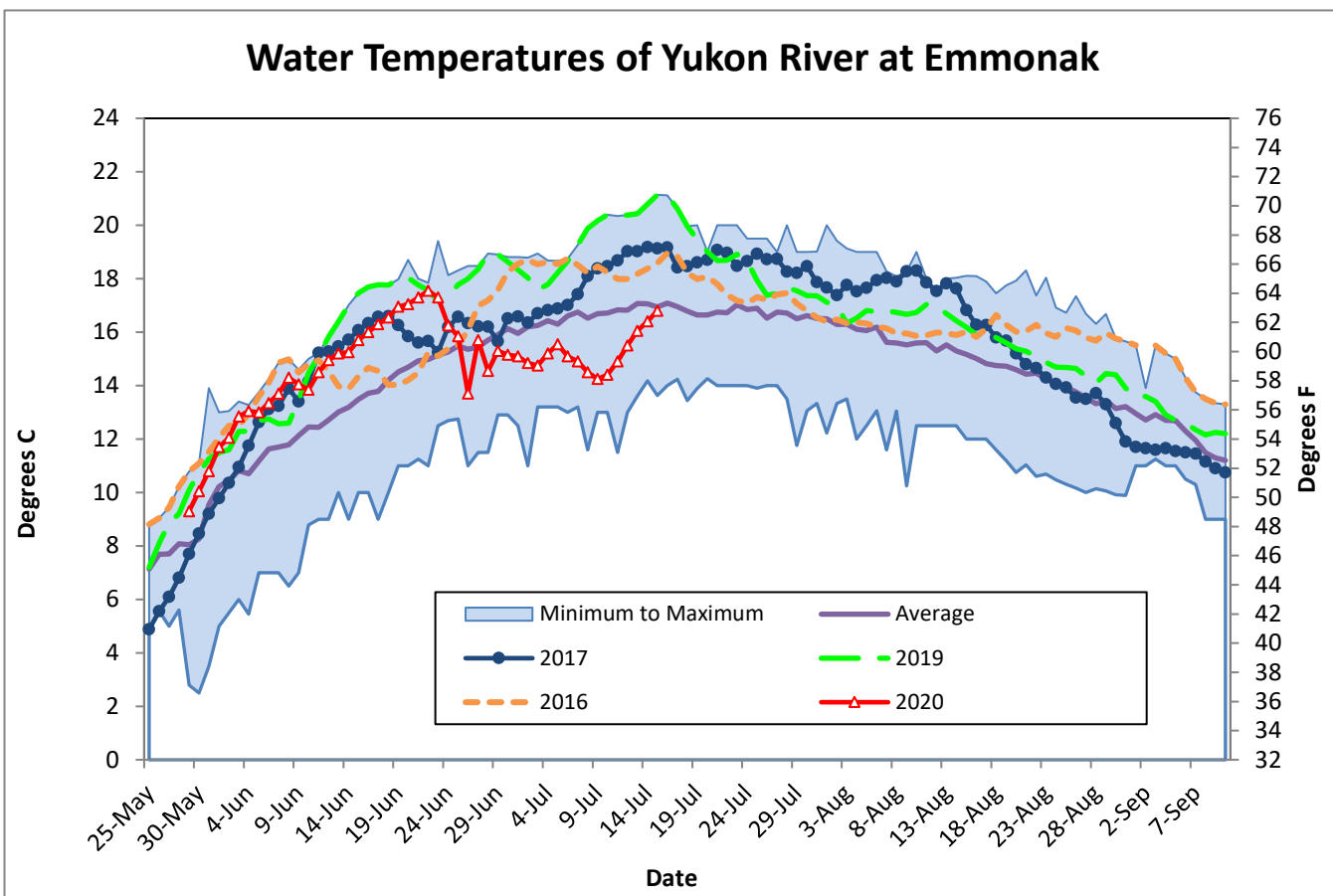


Figure 6.3. Average daily water temperatures collected (from both manual 1984–present and loggers 2004–2019) in the Yukon River near Emmonak, comparing 2020 and select years to historical minimum, maximum, and average.

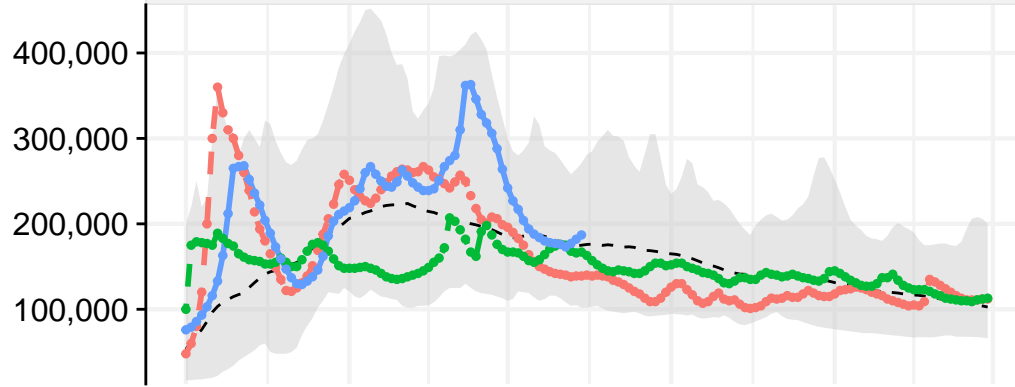
*Please note that 2020 measurements were taken with a handheld thermometer and are preliminary.

**Some days may only have a single measurement resulting in a reported value skewed from the expected daily average.

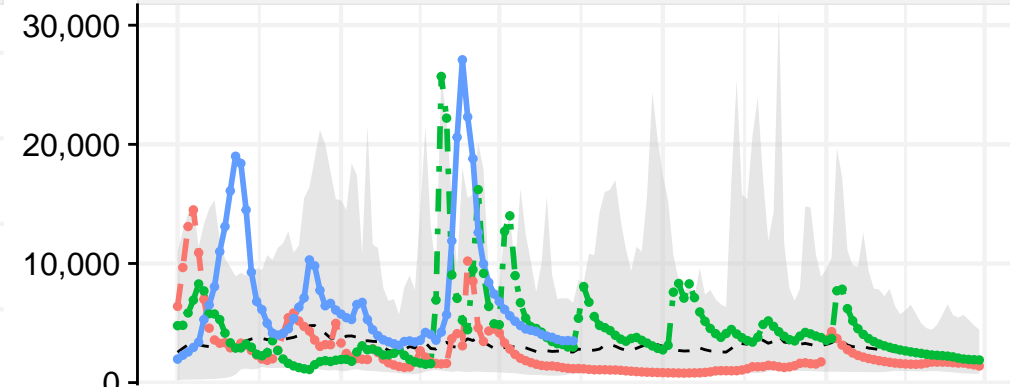
Weekly Water Levels Update 07/16/2020

Mean Daily Discharge (cfs)

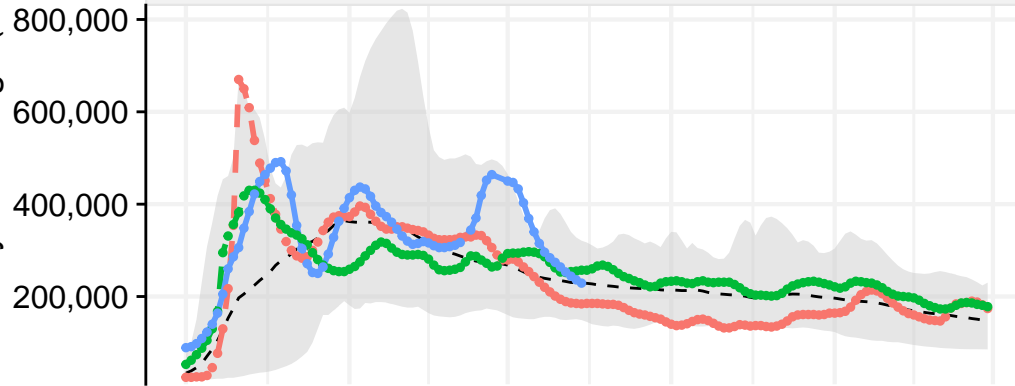
Yukon River, near Eagle



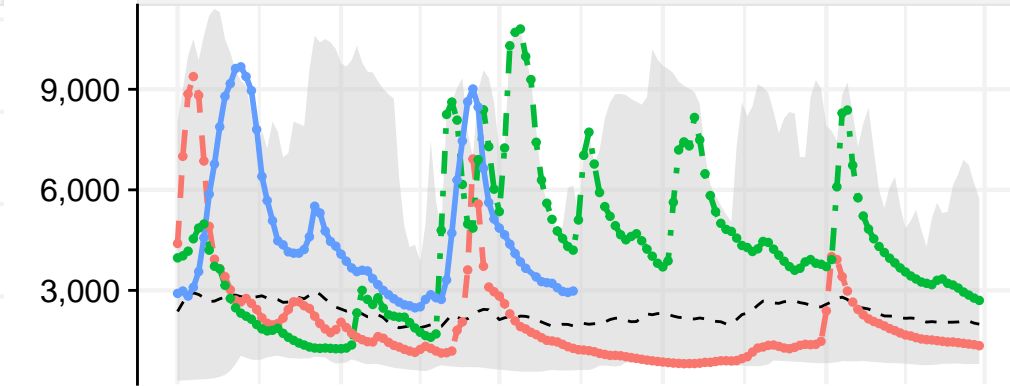
Salcha River, near Salchaket



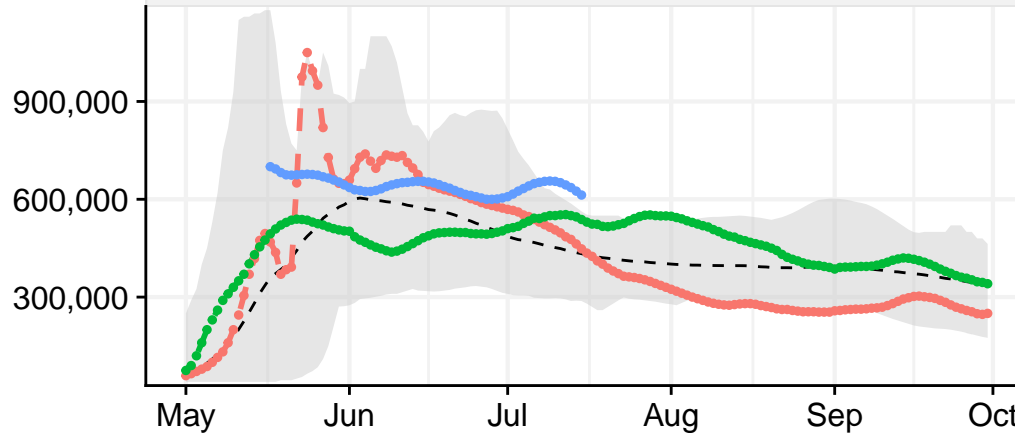
Yukon River, near Stevens Village



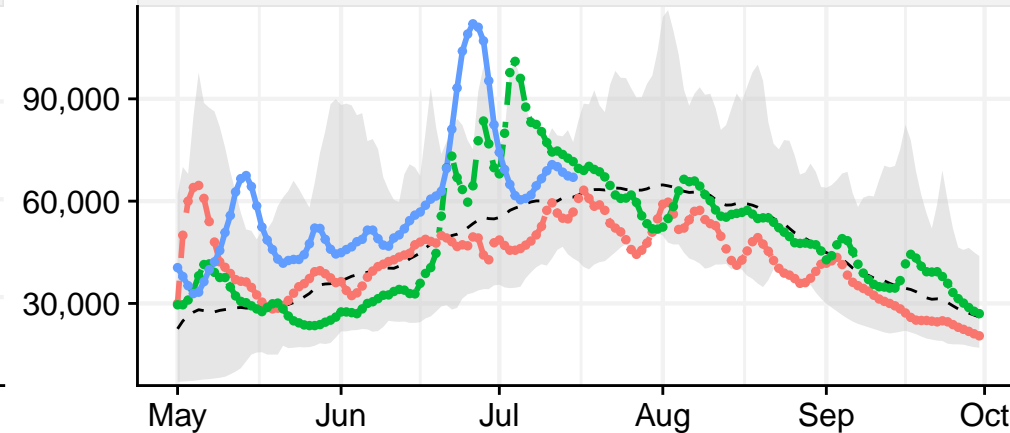
Chena River, near Fairbanks



Yukon River, near Pilot Station



Tanana River, near Nenana

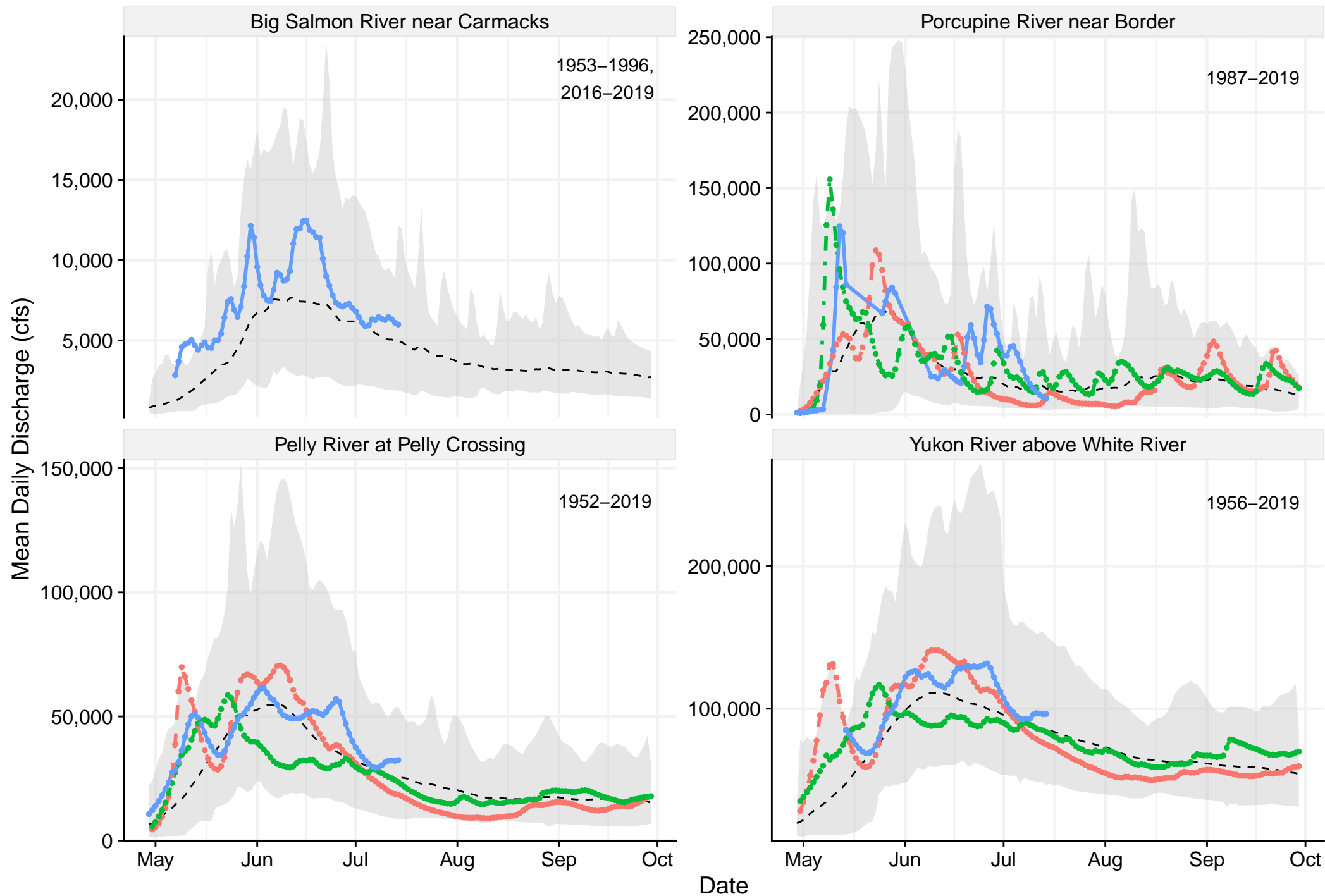


--- 2009 -.- 2014 - 2020

1977 – 2019 Min–Max Average (dashed)

Source: <https://waterdata.usgs.gov/ak/nwis/current?>

Canada Weekly Water Levels Update 07/16/2020



Weekly Water Temperature Update 07/16/2020

