

Figure 1. Kenai River late-run Chinook salmon net apportioned sonar estimate and net catch per unit effort (CPUE) index, 2012.

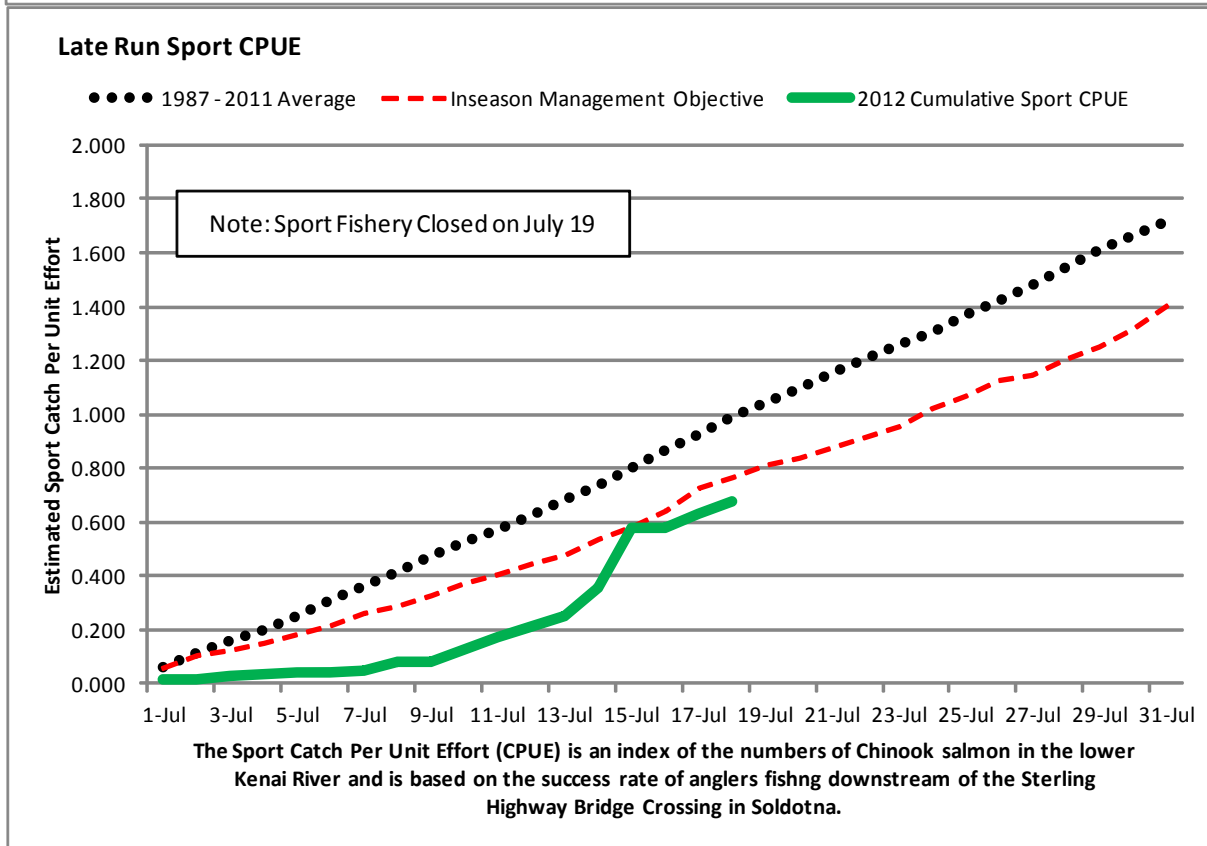
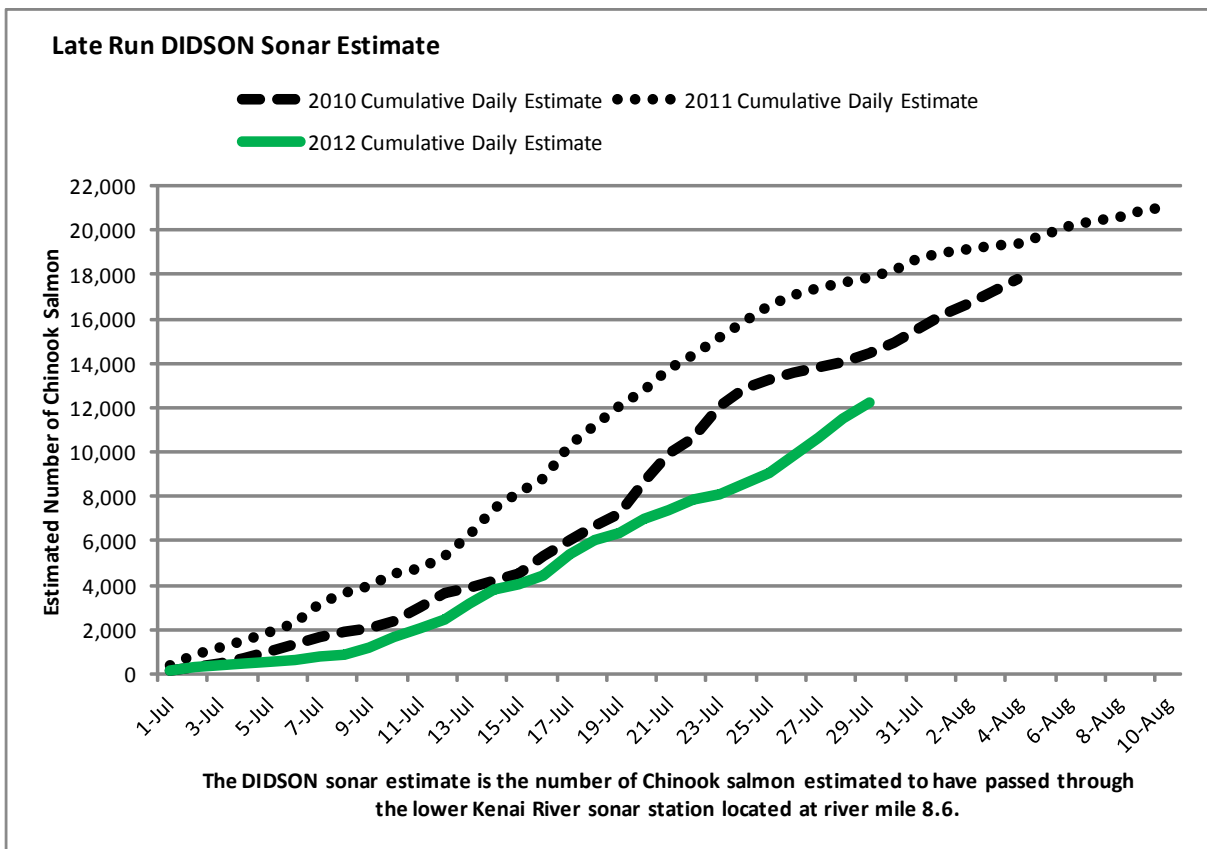


Figure 2. Kenai River late-run Chinook salmon DIDSON estimate and Sport catch per unit effort (CPUE) index, 2012.

Table 1. Kenai River late-run Chinook salmon daily DIDSON estimates, 2010-2012.

	2010	2011	Projected		% run
			2012	2012	
1-Jul	149	374	189	14,436	0.01
2-Jul	208	513	110	9,602	0.03
3-Jul	90	338	123	10,120	0.04
4-Jul	247	313	76	8,881	0.06
5-Jul	340	369	58	7,475	0.07
6-Jul	306	398	99	7,086	0.09
7-Jul	313	838	121	6,405	0.12
8-Jul	256	502	131	6,465	0.14
9-Jul	186	358	250	7,511	0.15
10-Jul	289	524	504	9,514	0.17
11-Jul	619	255	425	10,534	0.20
12-Jul	625	521	394	10,878	0.23
13-Jul	288	944	667	12,173	0.26
14-Jul	334	1,185	634	12,770	0.30
15-Jul	277	735	253	12,554	0.32
16-Jul	819	644	400	12,328	0.36
17-Jul	715	1,482	1,003	13,102	0.41
18-Jul	635	918	563	13,198	0.45
19-Jul	540	856	349	12,953	0.49
20-Jul	1,387	702	649	12,821	0.55
21-Jul	1,336	936	405	12,224	0.61
22-Jul	683	707	497	12,313	0.64
23-Jul	1,440	768	220	11,595	0.70
24-Jul	799	694	475	11,627	0.74
25-Jul	361	740	489	11,844	0.77
26-Jul	337	449	728	12,465	0.79
27-Jul	213	363	860	13,311	0.80
28-Jul	254	178	878	14,205	0.81
29-Jul	444	268	658	14,674	0.83
30-Jul	441	305			0.85
31-Jul	604	554			0.88
1-Aug	670	273			0.91
2-Aug	490	122			0.92
3-Aug	554	153			0.94
4-Aug	547	106			0.96
5-Aug		399			0.97
6-Aug		426			0.98
7-Aug		201			0.99
8-Aug		174			0.99
9-Aug		319			1.00
10-Aug		129			1.00
Total	17,795	21,036	12,208		

Table 2. Various Kenai River late-run Chinook salmon historical data cumulative through July 30, 2002-2011.

Year	Chinook Salmon Captured in Test-Net at Sonar Site	Sockeye Salmon Captured in Test-Net at Sonar Site	Sport Harvest of Chinook Salmon Estimated by the Creel Survey	Cumulative DIDSON Estimate	Cumulative Net Apportioned Sonar Estimate	Cumulative Commercial Set Net Chinook Harvest
2002	1012	1,858	11,322	No Data	56,513	8,959
2003	1323	1,323	13,312	No Data	87,472	13,913
2004	884	692	14,150	No Data	95,922	18,464
2005	868	688	15,022	No Data	114,827	17,676
2006	892	480	13,190	No Data	62,865	7,417
2007	628	1,717	8,682	No Data	40,235	9,656
2008	542	1,349	8,660	No Data	37,143	6,649
2009	472	1,729	7,120	No Data	23,379	4,834
2010	251	3,131	5,196	14,489 <sup>a</sup>	20,525	5,638
2011	414	2,866	6,287	17,874 <sup>a</sup>	42,297	6,523
2012	204	3,373	103	12,208 <sup>a</sup>	12,087	355

<sup>a</sup> DIDSON data cumulative through July 29.

Table 3. Kenai River late-run Chinook salmon daily, cumulative, and projected indices of abundance, 2012.

	Sport CPUE (1.40 Inseason Management Objective)					Net CPUE (5.14 Inseason Management Objective)					Net App (45,392 Inseason Management Objective)				
	Daily	Cumulative	Projected	Above or below 2011 on that date	% run	Daily	Cumulative	Projected	Above or below 2011 on that date	% run	Daily	Cumulative	Projected	Above or below 2011 on that date	% run
1-Jul	0.016	0.016	0.49	below	0.03	0.013	0.01	0.57	below	0.02	63	63	3,925	above	0.02
2-Jul	0.000	0.016	0.25	below	0.06	0.008	0.02	0.47	below	0.04	50	113	3,460	below	0.03
3-Jul	0.012	0.028	0.32	below	0.09	0.016	0.04	0.56	below	0.07	56	169	3,528	below	0.05
4-Jul	0.006	0.034	0.31	below	0.11	0.027	0.06	0.76	below	0.08	81	250	3,977	below	0.06
5-Jul	0.006	0.040	0.29	below	0.14	0.085	0.15	1.35	below	0.11	214	464	5,464	below	0.08
6-Jul	0.000	0.040	0.23	below	0.18	0.007	0.16	1.16	below	0.13	27	491	4,594	below	0.11
7-Jul	0.008	0.048	0.23	below	0.21	0.013	0.17	1.06	below	0.16	61	552	4,330	below	0.13
8-Jul	0.033	0.081	0.34	below	0.24	0.048	0.22	1.18	below	0.18	249	801	5,347	below	0.15
9-Jul	0.000	0.081	0.30	below	0.27	0.033	0.25	1.21	below	0.21	259	1,060	6,222	below	0.17
10-Jul	0.042	0.123	0.42	below	0.29	0.074	0.32	1.41	below	0.23	338	1,398	7,209	below	0.19
11-Jul	0.047	0.170	0.52	below	0.32	0.054	0.38	1.46	below	0.26	491	1,889	8,557	below	0.22
12-Jul	0.042	0.212	0.60	below	0.35	0.054	0.43	1.49	below	0.29	483	2,372	9,581	below	0.25
13-Jul	0.037	0.249	0.64	below	0.39	0.024	0.46	1.42	below	0.32	222	2,594	9,327	below	0.28
14-Jul	0.105	0.354	0.85	below	0.42	0.098	0.55	1.56	below	0.35	658	3,252	10,610	below	0.31
15-Jul	0.225	0.579	1.29	below	0.45	0.034	0.59	1.50	below	0.39	308	3,560	10,561	below	0.34
16-Jul	0.000	0.579	1.19	below	0.49	0.053	0.64	1.50	below	0.43	580	4,140	10,832	below	0.38
17-Jul	0.050	0.629	1.20	below	0.52	0.216	0.86	1.85	below	0.46	1,422	5,562	13,071	below	0.43
18-Jul	0.048	0.677	1.20	below	0.56	0.070	0.93	1.86	below	0.50	476	6,038	13,055	below	0.46
19-Jul	Sport Fishery Closed				0.60	0.055	0.982	1.86	below	0.53	386	6,424	12,919	below	0.50
20-Jul					0.63	0.053	1.035	1.85	below	0.56	551	6,975	12,860	below	0.54
21-Jul					0.66	0.048	1.083	1.83	below	0.59	280	7,255	12,571	below	0.58
22-Jul					0.69	0.065	1.148	1.86	below	0.62	294	7,549	12,318	below	0.61
23-Jul					0.72	0.031	1.179	1.81	below	0.65	178	7,727	11,785	below	0.66
24-Jul					0.75	0.024	1.204	1.78	below	0.68	174	7,910	11,482	below	0.69
25-Jul					0.79	0.108	1.312	1.87	below	0.70	765	8,675	12,054	below	0.72
26-Jul					0.83	0.096	1.408	1.94	below	0.73	523	9,198	12,295	below	0.75
27-Jul					0.86	0.144	1.552	2.07	below	0.75	711	9,909	12,711	below	0.78
28-Jul					0.90	0.145	1.697	2.20	below	0.77	502	10,411	12,889	below	0.81
29-Jul					0.93	0.191	1.888	2.38	below	0.79	778	11,189	13,402	below	0.83
30-Jul					0.97	0.114	2.002	2.45	below	0.82	898	12,087	13,948	below	0.87
31-Jul					1.00					0.84					0.90
1-Aug										0.86					0.93
2-Aug										0.88					0.94
3-Aug										0.89					0.96
4-Aug										0.91					0.98
5-Aug										0.93					0.99
6-Aug										0.95					0.99
7-Aug										0.97					1.00
8-Aug										0.98					1.00
9-Aug										0.99					1.00
10-Aug										1.00					1.00