

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

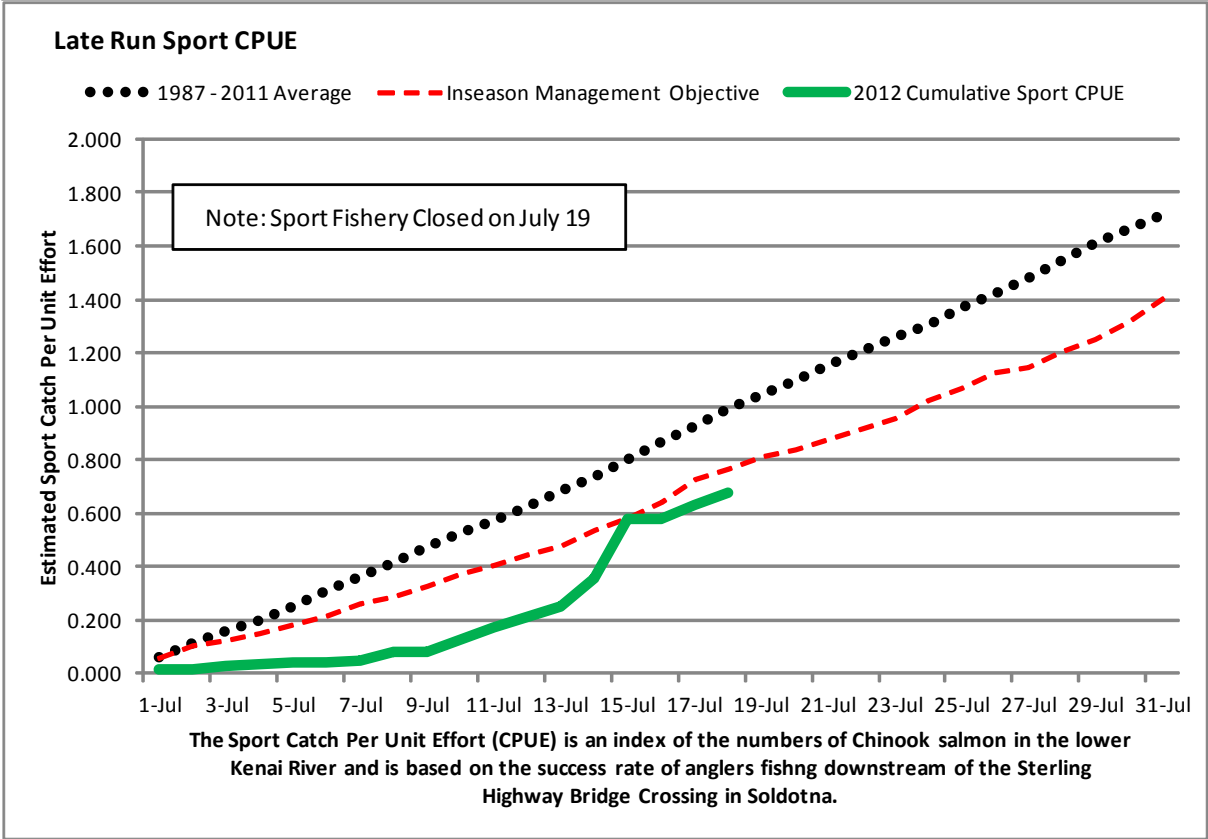
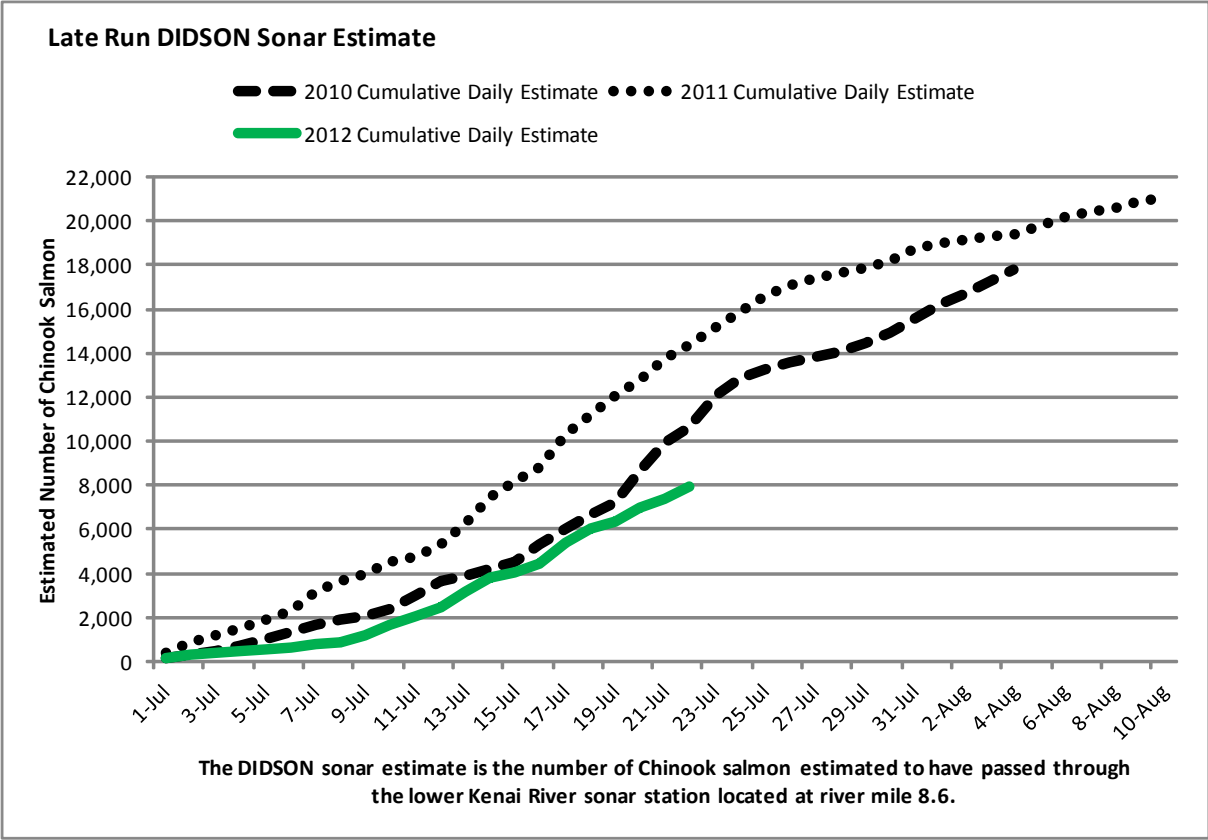


Figure 2. Kenai River late-run Chinook salmon DIDSON estimate and Sport catch per unit effort (CPUE) index, 2012.

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	564	13,200	0.45
19-Jul	540	856	350	12,957	0.49
20-Jul	1,387	702	654	12,834	0.55
21-Jul	1,336	936	405	12,236	0.61
22-Jul	683	707	499	12,327	0.64
23-Jul	1,440	768			0.70
24-Jul	799	694			0.74
25-Jul	361	740			0.77
26-Jul	337	449			0.79
27-Jul	213	363			0.80
28-Jul	254	178			0.81
29-Jul	444	268			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

Table 2. Various Kenai River late-run Chinook salmon historical data cumulative through July 23, 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	773	1,655	8,773	No Data	43,637	6,959
2003	1137	1,046	10,638	No Data	71,255	12,103
2004	691	513	10,824	No Data	76,717	13,276
2005	693	593	10,250	No Data	99,193	11,876
2006	602	395	8,440	No Data	43,702	6,930
2007	493	1,230	5,647	No Data	28,236	7,751
2008	367	1,125	5,339	No Data	18,584	5,735
2009	384	1,498	5,807	No Data	18,970	4,689
2010	192	2,242	3,268	10,641 ^a	13,895	3,926
2011	356	2,157	5,246	14,414 ^a	35,888	5,323
2012	113	2,895	103	7,909 ^a	7,736	355

^a DIDSON data cumulative through July 22.

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					0.68					0.69
25-Jul					0.79					0.70					0.72
26-Jul					0.83					0.73					0.75
27-Jul					0.86					0.75					0.78
28-Jul					0.90					0.77					0.81
29-Jul					0.93					0.79					0.83
30-Jul					0.97					0.82					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