

Bonneville Pinniped-Fishery Interaction Task Force

Task Force Meeting May 31, 2016

Summary Information Document

Purpose: To assist the Task Force in evaluating the States' January 27, 2016, application request for a 5-year extension of the 2012 MMPA section 120 Letter of Authorization.

1. The minimum estimated number of individual California sea lions (marked and unmarked) observed at Bonneville Dam each year 2002 through 2015 (January 1 – May 31). [Source: USACE]

Year	California Sea Lions
2002	30
2003	104
2004	99
2005	81
2006	72
2007	71
2008	82
2009	54
2010	89
2011	54
2012	39
2013	56
2014	71
2015	195
2016 (through 4/29)	79

2. The number of California sea lions branded at the Bonneville Dam each year 2007 through 2015. [Source: ODFW]

Year	California Sea Lions Branded
2007	8
2008	4
2009	5
2010	9
2011	9
2012	6
2013	11
2014	21
2015	131
2016 (through 5/12)	36

3. The number of individually identifiable California sea lions lethally removed 2008 through 2015 in accordance with the MMPA section 120 Letter of Authorization. [Source: ODFW]

Year	Captivity	Accidental Mortality	Euthanized	Total
2008	6	5		11
2009	4		11	15
2010			14	14
2011			1	1
2012	1		12	13
2013	2		2	4
2014			15	15
2015	2	2	30	34
2016 (through 5/12)			54	54
Total (through 5/12)	15	7	139	161

4. The number of spring-run Chinook salmon passing Bonneville Dam (January 1 through June 15) 2002 through 2015, and the number of spring-run Chinook salmon predated by California sea lions each year, respectively. [Source: USACE]

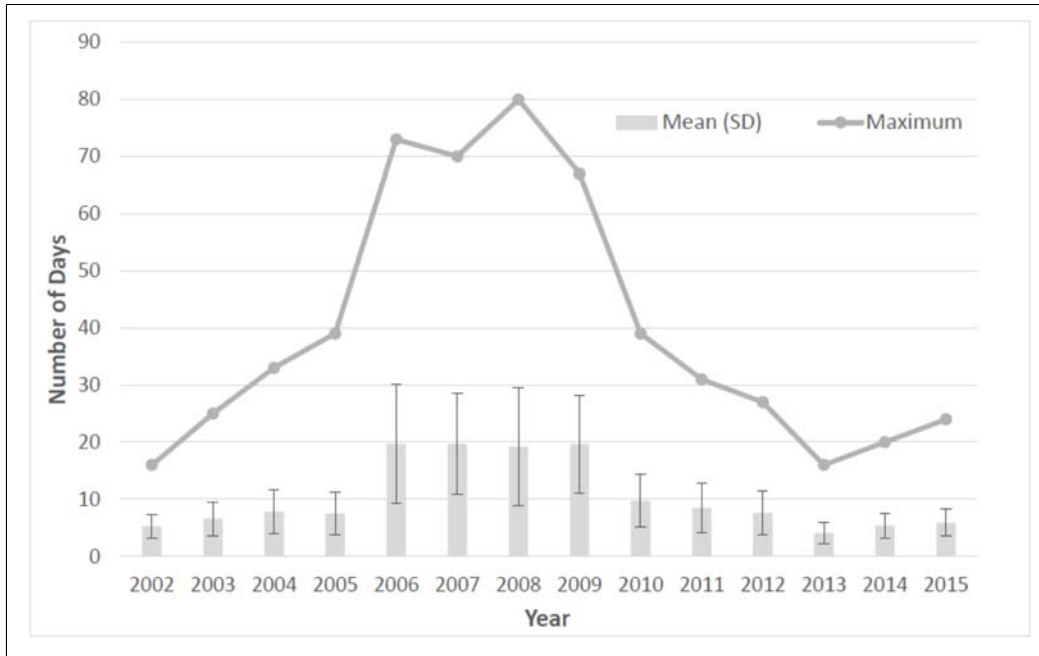
All Pinnipeds			
Year	Chinook Salmon Passage	Expanded Chinook Consumption Estimates	Percent of Chinook Run Consumed
2002	316,468*	880‡	0.3%
2003	247,059	2,313	0.9%
2004	210,569	3,307	1.5%
2005	102,741	2,742†	2.6%
2006	130,014	2,580	1.9%
2007	101,068	3,403	3.3%
2008	174,247	4,115	2.3%
2009	229,271	3,997	1.7%
2010	293,662	5,757	2.0%
2011	272,469	3,298	1.2%
2012	196,667	1,750	0.9%
2013	155,729	2,525	1.6%
2014	257,354	4,209	1.6%
2015	283,696	9,780	3.3%

* Fish counts did not start until March 15 in 2002. Chinook passage from January 1 through March 15 was minimal in all other years.

‡ From March 15 through April 25, used fish passage count split between Chinook salmon and Steelhead to estimate Chinook proportion of unidentified salmonid catch. After April 25, we used observed catch distribution to divide unidentified salmonid consumption.

† In 2005, regular observations started on March 18.

5. Residence time (days) for individually identified California sea lions observed at Bonneville Dam January 1 through May 31, 200 through 2015. [Source: USACE]



6. Maximum monthly California sea lion haul-out counts at East Mooring Basin, Astoria. July 2004 to March 2016. [Source: ODFW]

