

Memorandum

Date: June 23, 2014

To: Scott Wilson
Regional Manager
Bay Delta Region

Marty Gingras
Environmental Program Manager
Bay Delta Region

From: Lauren Damon
Environmental Scientist
Bay Delta Region

Subject: 2014 Index of Delta Smelt Relative Abundance from the Spring Kodiak Trawl

The 2014 Spring Kodiak Trawl (SKT) Delta Smelt index is 30.1, which is greater than the 2013 index (21.0; Figure1).

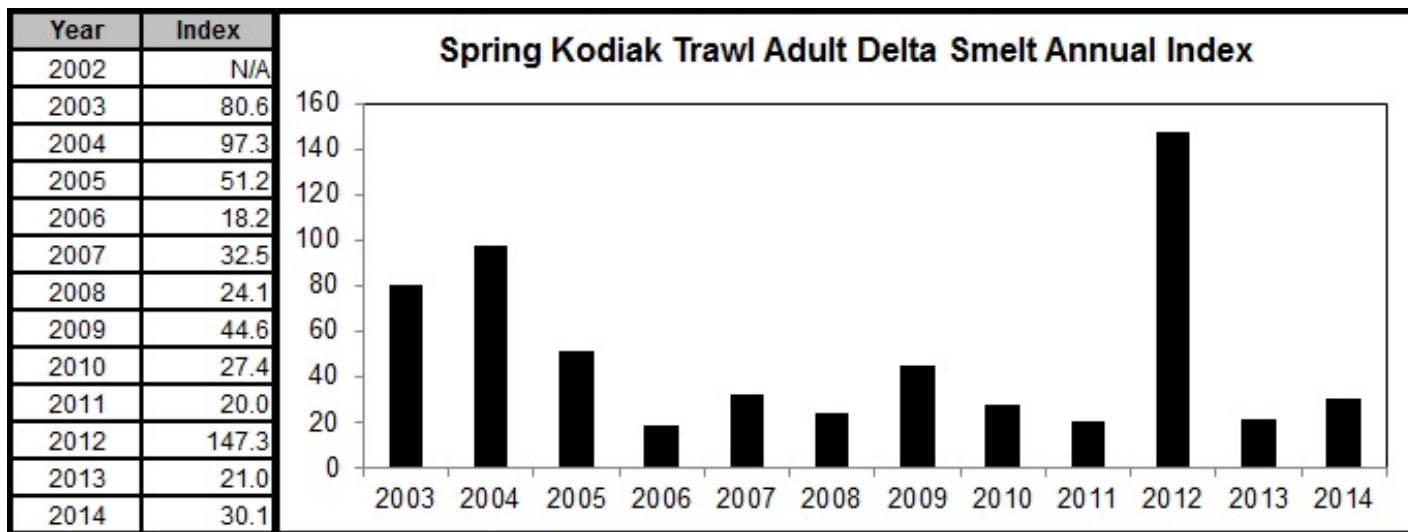


Figure 1. The SKT Delta Smelt index over the period of record, 2002 - 2014.

The annual index is calculated using adult Delta Smelt catch data from 39 “core” stations sampled during each of the first 4 SKT surveys of each year. The core station data are grouped into 3 distinct regions based on geographic location and a regional mean catch per 10,000 cubic meters (i.e., CPUE) is calculated. The regional means are then summed to create a survey index, and survey indices are summed to calculate the annual index.

cc: Bay Delta Region
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Randy Baxter
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