

Stanislaus River Juvenile Outmigration Summary # 19

May 26th – June 1st, 2003

Note: Data is preliminary and subject to revision.

Oakdale:

The trap resumed sampling the evening of May 26th and continued to sample through May 30th. A total of 69 Chinook were captured during the week increasing the season total to 91,173. Total catch this week was less than half the total catch from the previous week. Daily catch ranged between 7 and 30 Chinook. Mean forklength for the week was 85.3 mm (range: 70 mm to 106 mm), which was a 3.0 mm increase over the previous week. Mean weight increased 0.3 g over the previous week to 7.0 g. A 78 mm (SI 4) trout was captured on May 30th increasing the season total to 36 at Oakdale. The trap was raised on May 30th due to consistently low daily catch during the week.

This week we did not observe any significant discrepancies between the Orange Blossom Bridge (OBB) and Goodwin (GDW) gauges. Between May 26th and June 1st flow at OBB ranged between 659 cfs and 1,023 cfs. Flow at OBB increased approximately 350 cfs during the first four days of the week, and remained stable for the remainder of the week. Turbidity remained stable between 1.1 NTU and 1.2 NTU, and water temperature ranged between 53 and 58 degrees Fahrenheit.

Caswell:

The traps resumed sampling the evening of May 26th and continued to sample through June 1st. A total of 62 Chinook were captured during the week increasing the season total to 14,012. Daily catch ranged between 9 and 24 Chinook. Mean forklength for the week increased 1.5 mm over the previous week to 85.9 mm (range: 70 mm to 103 mm). Mean weight increased 0.8 g over the previous week to 7.1 g. No trout were captured at Caswell this week. The traps were raised on May 30th due to consistently low daily catch during the week.

Flow at Ripon (RIP) gradually increased throughout the week from 656 cfs to 997 cfs due to increases in discharge from GDW. Turbidity was stable between 3.0 NTU and 3.5 NTU, and water temperature ranged between 61 degrees and 64 degrees Fahrenheit.