
From: Sarah Gallagher - NOAA Federal <sarah.gallagher@noaa.gov>
Sent: Monday, April 1, 2019 2:07 PM
To: Evan Sawyer - NOAA Federal
Subject: winter run spawn timing info to share
Attachments: winter run spawn timing.xlsx; WR_INTERNET_CARCASS-REDDS_counts_as_of_10-16-18
-_Final_update (3).xlsx

See attached. The spawn timing excel is data I summarized by female carcass timing. I would think using this type of data would better target the largest portion of redds.

The other spreadsheet shows when WR redd heli surveys are conducted. Surveys look like they generally begin in mid may. In a year like 2017, they started later, I'm sure due to visibility.

The shallow redd monitoring is done more frequently (but its only a sample of total redds).

Sarah Gallagher | Fish Biologist

NOAA Fisheries | West Coast Region

U.S. Department of Commerce

650 Capitol Mall, Suite 5-100, Sacramento, CA 95814

916-930-3712 | Sarah.Gallagher@noaa.gov