From: Miles Daniels - NOAA Affiliate <miles.daniels@noaa.gov>

Sent: Tuesday, December 4, 2018 11:49 AM

To: Garwin Yip

Cc:Sarah Gallagher; Eric Danner - NOAA FederalSubject:Re: Temp-dependent egg survival for 2018

Hi Garwin,

We do not have the redd distributions for 2018 yet, but Eric will email Jason Roberts for them. I'll run them once Sara John digitizes them to the RAFT gird and send results. Using the historic redd distributions from 2012-2017, the mean temperature-dependent egg mortality is \sim 6%, median \sim 3%, lower estimate \sim 0.25%, and upper estimate of \sim 36%.

Thanks, Miles

On Tue, Dec 4, 2018 at 11:27 AM Garwin Yip - NOAA Federal < garwin.yip@noaa.gov > wrote: Miles,

Can you plug in the 2018 winter-run redd distribution and temperatures to come up with an initial temperature-dependent egg survival for the season?

-Garwin-

Garwin Yip

Water Operations and Delta Consultations Branch Chief NOAA Fisheries West Coast Region U.S. Department of Commerce California Central Valley Office 650 Capitol Mall, Suite 5-100 Sacramento, CA 95814

Office: 916-930-3611 Cell: 916-716-6558 FAX: 916-930-3629

www.westcoast.fisheries.noaa.gov



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Miles Daniels, Ph.D. Associate Specialist University of California, Santa Cruz

Phone: 831-420-3946