
From: Miles Daniels - NOAA Affiliate <miles.daniels@noaa.gov>
Sent: Tuesday, December 4, 2018 1:11 PM
To: Garwin Yip
Cc: Sarah Gallagher; Eric Danner - NOAA Federal
Subject: Re: Temp-dependent egg survival for 2018

Hi Garwin,

I have not been involved with estimating egg-to-fry survival.

Eric, do you have any thoughts on this? Do we need to know things such as trap efficiency for the year at RBDD to estimate this for 2018?

Thanks,
Miles

On Tue, Dec 4, 2018 at 12:01 PM Garwin Yip - NOAA Federal <garwin.yip@noaa.gov> wrote:
Thanks!

...and can you also provide total estimate of egg-to-fry survival to RBDD without the final RBDD estimate?

-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



On Tue, Dec 4, 2018 at 11:49 AM Miles Daniels - NOAA Affiliate <miles.daniels@noaa.gov> wrote:
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 grid and send results. Using the historic redd distributions from 2012-2017, the mean temperature-dependent egg mortality is ~6%, median ~3%, lower estimate ~0.25%, and upper estimate of ~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
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www.westcoast.fisheries.noaa.gov



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Miles Daniels, Ph.D.
Associate Specialist
University of California, Santa Cruz
Phone: 831-420-3946

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Miles Daniels, Ph.D.
Associate Specialist
University of California, Santa Cruz
Phone: 831-420-3946