
From: Miles Daniels - NOAA Affiliate <miles.daniels@noaa.gov>
Sent: Monday, March 18, 2019 11:14 AM
To: Eric Danner - NOAA Federal
Subject: Re: Seasonal habitat capacity

Hi Eric,

Attached is a plot which breaks up habitat capacity by depth and velocity preference. For example, in the first plot it looks like most preferred habitat is driven by depth. This was for some slightly different sections of the river, but we could do the same for upper and lower if it would be helpful.

-Miles

On Mon, Mar 18, 2019 at 10:48 AM Eric Danner - NOAA Federal <eric.danner@noaa.gov> wrote:
Some figures.

On Mon, Mar 18, 2019 at 9:51 AM Miles Daniels - NOAA Affiliate <miles.daniels@noaa.gov> wrote:
Hi Eric,

What you did looks right and I think a good way to show the differences between the scenarios. I'm wondering if there is just not that much of a different in capacity between scenarios and so the plot does not look too interesting? I can keep thinking about it.

-Miles

On Mon, Mar 18, 2019 at 8:31 AM Eric Danner - NOAA Federal <eric.danner@noaa.gov> wrote:
Miles,

Here is what I put together for Evan (see below). Not very interesting...let me know what you think (if it is correct and if you have any ideas of other ways to look at the data).

Thanks.

----- Forwarded message -----

From: **Evan Sawyer - NOAA Federal** <evan.sawyer@noaa.gov>
Date: Fri, Mar 15, 2019 at 9:43 AM
Subject: Seasonal habitat capacity
To: Eric Danner - NOAA Federal <eric.danner@noaa.gov>
Cc: Cathy Marcinkevage - NOAA Federal <cathy.marcinkevage@noaa.gov>

Hey Eric,

Thanks for the information yesterday. Can you provide a comparison of habitat capacity (from the WRLCM) between the PA and COS for the following "seasons":

Winter (Dec 1 - March 1)

Spring (March 1 - May 15 [maybe needs to be June 1? or May 1?])

Summer [temp mgmt.] (May 15 [or June 1] - Nov 1)

Fall (Oct. 1 - Dec 1) <-- I realize there's overlap with Fall.

These "seasons" generally correspond to the timing of Reclamation's operational decisions, so it may be a way to describe any differences in the operations (PA to COS). If there's no difference that's useful information too.

Thanks,

Evan

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Evan Bing Sawyer,

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