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**Bristol Bay Temperature Data**

8 messages

**Jeanette Clark** <jclark@nceas.ucsb.edu>

Wed, May 9, 2018 at 8:03 AM

To: Jackie Carter &lt;jlcarter@uw.edu&gt;

Cc: Leslie Jones &lt;lajones12@alaska.edu&gt;, Sue Mauger &lt;sue@inletkeeper.org&gt;

Hi Jackie,

My name is Jeanette, I work at NCEAS and have been working with Sue and Leslie to assemble stream temperature data across the state.

Sue forwarded me your email and said that you are ready to submit data to our project which is super exciting! We have set up a google drive folder where you can easily drop data here: [https://drive.google.com/open?id=0B1eo\\_0Ft5SrxV2N3TFdtZGJsQXc](https://drive.google.com/open?id=0B1eo_0Ft5SrxV2N3TFdtZGJsQXc)

It would be easiest for us if you exported from your database one csv for each site with columns siteID, time, temperature, and any auxiliary measurements. If it is easier for you, you can send all of the data in a single file (if it is not too large, we can break it up on our end). We will also need an additional file that includes site information with columns like siteID, lat, lon, etc.

We would prefer data in the original resolution, if possible. If you have QAed the data (for drying events, pre/post deployment measurements, etc) we will take the QAed data but would appreciate any information you can give us on the QA process.

Let me know if this sounds reasonable to you, and thanks again for helping us out!

Jeanette

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S. Jeanette Clark

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**Jackie L. Carter** <jlcarter@uw.edu>

Wed, May 9, 2018 at 9:08 AM

To: Jeanette Clark &lt;jclark@nceas.ucsb.edu&gt;

Cc: Leslie Jones &lt;lajones12@alaska.edu&gt;, Sue Mauger &lt;sue@inletkeeper.org&gt;

Hi Jeanette,

This sounds perfect. One file for each site is easy, and we have not done any drying event QAing, but we do often crop off the pre-deployment and post-retrieval measurements (sometimes it's a month post retrieval before we get to downloading the loggers, which is a lot of shipping container or office temperatures!). I'll make sure the metadata accounts for this, though over the years we've had probably 6 people downloading and organizing the data prior to submitting it to me, so there might be some differences in cropping between years. I'll see if I can figure it out before sending your way.

Expect to see these data prior to June 1, hopefully sooner.

Jackie

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**Jeanette Clark** <jclark@nceas.ucsb.edu>

Wed, May 9, 2018 at 10:23 AM

To: "Jackie L. Carter" &lt;jlcarter@uw.edu&gt;

Cc: Leslie Jones <lajones12@alaska.edu>, Sue Mauger <sue@inletkeeper.org>

Great! Thanks Jackie

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**Jackie L. Carter** <jlcarter@uw.edu>

Thu, May 31, 2018 at 3:30 PM

To: Jeanette Clark <jclark@nceas.ucsb.edu>

Cc: Leslie Jones <lajones12@alaska.edu>, Sue Mauger <sue@inletkeeper.org>

Hi Jeanette,

Despite my best efforts, I did not get these data organized prior to June 1 (I'm finding a lot of date/time conversion errors in our database, so I'm going back to the originals and trying to fix everything while it's fresh in my mind). I leave for the field tomorrow (Alaska for 3 months!) and I will slowly upload data files over the next couple days/weeks. I'll start with all the stream temperatures then move on to lake temp-depth arrays (stream temps are higher priority, right?). Hopefully a big slug will come through tomorrow, as I have 6 hours to kill at the Anchorage airport! There are a couple sites in the Drive folder right now.

Jackie

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**Jeanette Clark** <jclark@nceas.ucsb.edu>

Thu, May 31, 2018 at 4:31 PM

To: "Jackie L. Carter" <jlcarter@uw.edu>

Cc: Leslie Jones <lajones12@alaska.edu>, Sue Mauger <sue@inletkeeper.org>

no problem Jackie! Thanks for the heads up. Good luck getting those fixes in :)

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**Jackie L. Carter** <jlcarter@uw.edu>

Thu, Sep 20, 2018 at 11:54 AM

To: Jeanette Clark <jclark@nceas.ucsb.edu>

Cc: Leslie Jones <lajones12@alaska.edu>, Sue Mauger <sue@inletkeeper.org>

Hi Jeanette,

I just uploaded a bunch of temperature files from UW-FRI into the Google Drive folder. Sorry for the continual delay on getting these data to you. My computer screen died over the summer, but things are back up and functioning again. I'll hopefully have all our data through 2017 uploaded within the next week.

Jackie

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**Jeanette Clark** <jclark@nceas.ucsb.edu>

Fri, Sep 21, 2018 at 9:00 AM

To: Jackie Carter <jlcarter@uw.edu>

Cc: Leslie Jones <lajones12@alaska.edu>, Sue Mauger <sue@inletkeeper.org>

Awesome thanks Jackie! And no worries on the delay. Hope you had a good field season!

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**Jackie L. Carter** <jlcarter@uw.edu>

Mon, Oct 29, 2018 at 12:45 PM

To: Jeanette Clark <jclark@nceas.ucsb.edu>

Cc: Leslie Jones <lajones12@alaska.edu>, Sue Mauger <sue@inletkeeper.org>

Hi Jeanette,

I *finally* finished compiling all the UW Alaska stream temperature data from the Wood River system, through 2017. This represents the majority of our program's temperature monitoring efforts. They have been added to the Google Drive folder. I have done no QA/QC on the data, just pulled them directly from the database (air temp data pre- and post-deployment have been deleted). I have noticed some weird stuff going on with some of the older data. I think it may be an artifact of how our former database manager imported the data (bulk import, no distinction between logger type so there are multiple readings per hour but they aren't really as similar as one might expect). The known affected locations and years are: Aleknagik Bear Creek 2010-2013, Nerka Fenno Creek 2010-2013, and Nerka Pick Creek 2006-2012. I left them as they were - you guys can decide if you want to use as is or hold off until I can figure out what actually happened. I suspect that there will be other streams that will have similar 'problems'. Please let me know of any issues you come across or any questions you have as you start compiling the data for your uses.

Iliamna and Chignik/Black Lakes will be on their way. I shouldn't promise "shortly", but hopefully within a couple weeks!

Thanks!

Jackie