
UW Temperature Data

11 messages

Rebecca Shaftel <rsshafte@alaska.edu>
To: jlcarter@uw.edu, Daniel Schindler <deschind@uw.edu>

Tue, Oct 27, 2020 at 3:47 PM

Hi Jackie,

I am working on several projects in Bristol Bay in collaboration with Daniel and I was hoping to include UW temperature datasets from lakes and streams. I have a large set of data files from 51 sites through 2017 that I believe were aggregated as part of the SASAP project. But, I don't have a way to link the files to their AKOATS IDs to get the site metadata. I'm attaching a csv of the file names for the data that I already have. I would also like to include any data post-2017 that are available and ready to share.

Please let me know if you have time to help with this data request and if you have any questions.

Thanks,
Becky

Rebecca Shaftel | Aquatic Ecologist
Ph: (907) 786-4965

Alaska Center for Conservation Science

University of Alaska Anchorage
3211 Providence Dr.
Anchorage, AK 99508
Beatrice McDonald Hall, Room 108

 **uw_site_names.csv**
2K

Jackie L. Carter <jlcarter@uw.edu>
To: Rebecca Shaftel <rsshafte@alaska.edu>
Cc: Daniel Schindler <deschind@uw.edu>

Fri, Oct 30, 2020 at 9:32 PM

Hi Becky,
Yes, I can definitely help with this, hopefully next week. I'll need to go in to my office to run the database queries and I currently have a sick kid, waiting on results of a covid test before I can take her back to daycare. The post-2017 data transfer will be no problem. As for the files you already have, I can update the file you attached with the AKOATS IDs that I have on file. If you don't have data from me by the end of next week, please send me another email and remind me!

Jackie

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Rebecca Shaftel <rsshafte@alaska.edu>
To: "Jackie L. Carter" <jlcarter@uw.edu>
Cc: Daniel Schindler <deschind@uw.edu>

Sat, Oct 31, 2020 at 12:14 PM

Hi Jackie - next week would be great! Good luck with your kiddo and I hope you get a - result.
Becky

Sent from my iPhone

On Oct 30, 2020, at 9:32 PM, Jackie L. Carter <jlcarter@uw.edu> wrote:

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Jackie L. Carter <jlcarter@uw.edu>
To: Rebecca Shaftel <rsshafte@alaska.edu>

Wed, Nov 4, 2020 at 1:13 PM

Hi Becky,

Kid was covid negative, as expected, back in daycare, and I'm free! I've been looking into these data today and wanted to ask you a couple questions.

1) The CTD unit used to take lake temperature profiles for 4 of the 5 lakes in the Wood River system is still on a barge coming back from AK. I'm not sure when it will be here, i.e. when I can get the 2020 data off of it. Would you like the updated stream and Lake Aleknagik data post-2017 prior to receiving the complete lake profiles, or would you like them all at once?

2) I have AKOATS IDs for all but 8 of the sites you have listed. Maybe the most efficient thing for me to do will be to send you the metadata file I submitted to AKOATS. It's pretty easy to match site names to that file, then you'll just have it all in one place (as well as the AKOATS IDs for all but the missing 8). Does that work for you? I don't want to add complications, I know compiling and analyzing all these files is complicated enough!

Let me know what you prefer

Jackie

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Rebecca Shaftel <rsshafte@alaska.edu>
To: "Jackie L. Carter" <jlcarter@uw.edu>

Wed, Nov 4, 2020 at 2:07 PM

Hi Jackie,

Congrats on your test result -- I've still got one in daycare so I've been through the same thing. :)

1) We can wait on the lake data from the Wood River system if that is ok with you. More data now is better.

2) I asked someone here to try to match your file names to your AKOATS entries and it looks like there were questions for 12/51 (see attached file). Would you mind checking these for us and clarifying which are in AKOATS and also provide lat/longs for the 8 not in AKOATS?

Let me know if that makes sense and seems reasonable.

Thanks,
Becky

Rebecca Shaftel | Aquatic Ecologist
Ph: (907) 786-4965

Alaska Center for Conservation Science

University of Alaska Anchorage
3211 Providence Dr.
Anchorage, AK 99508
Beatrice McDonald Hall, Room 108

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 **uw sites.xlsx**
34K

Jackie L. Carter <jlcarter@uw.edu>
To: Rebecca Shaftel <rsshafte@alaska.edu>

Thu, Nov 5, 2020 at 11:03 AM

Hi Becky,

I just looked at the file you sent and something is weird, probably on my end. Those IDs aren't even close to the IDs I have in the file Marcus would send every year for me to update! I'm having a hard time navigating the AKOATS site - do you have a file with all the actual AKOATS IDs that were used to create the file you just sent (I can wade through the whole thing and pick out UW sites if you want to send a big list) or a link to where I can download a file?

Thanks
Jackie
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Rebecca Shaftel <rsshafte@alaska.edu>
To: "Jackie L. Carter" <jlcarter@uw.edu>

Thu, Nov 5, 2020 at 11:16 AM

Hi Jackie,


Yes, here is the AKOATS working file that Marcus shared with me. Maybe he doesn't provide the internal AKOATS IDs when he sends this out to folks? I can ask him. You should be able to filter on your name to make it easier to work with.

Thank you!
Becky

Rebecca Shaftel | Aquatic Ecologist
Ph: (907) 786-4965

Alaska Center for Conservation Science
University of Alaska Anchorage
3211 Providence Dr.
Anchorage, AK 99508
Beatrice McDonald Hall, Room 108

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 **AKOATS_DATA_2020_working.xlsx**
732K

Rebecca Shaftel <rsshafte@alaska.edu>
To: Marcus Geist <mageist@alaska.edu>

Thu, Nov 5, 2020 at 11:21 AM

Hi Marcus,

I have a set of files from Jackie at UW and Priscilla linked them to their AKOATS IDs in the working file you shared. But, it sounds like they don't match what you typically send data providers. Do you know what is going on here? I just sent Jackie the working file so she could reconcile the 12 that Priscilla couldn't find for us, I hope that's ok.

I am also working through data requests with Meg at FWS and Sue and I think both have some edits to the AKOATS metadata we could/should track somewhere. Things like small edits to their agency ids and sites that don't actually have data. Are you still planning on trying to update AKOATS? I am getting lots of data for Southcentral and Bristol Bay... and may have a project that covers the entire YK-Norton Sound region next year (should know in one month if that is funded). Just fyi -- still wondering if an AKOATS update is doubling our work for minimal gain.

b

Rebecca Shaftel | Aquatic Ecologist
Ph: (907) 786-4965

Alaska Center for Conservation Science
University of Alaska Anchorage
3211 Providence Dr.
Anchorage, AK 99508
Beatrice McDonald Hall, Room 108

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Jackie L. Carter <jlcarter@uw.edu>
To: Rebecca Shaftel <rsshafte@alaska.edu>

Thu, Nov 5, 2020 at 11:27 AM

Ah, I see - your person updated with the seq_ID and I was looking at the ID, so not too weird after all. I will fill this file in and send lat/longs and some other explanations of data things I'm noticing as I look at this. I'll try to have this and the 2018-2020 update stream temps to you later today, tomorrow at the latest. Thanks for your patience!

jackie

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Rebecca Shaftel <rsshafte@alaska.edu>
To: "Jackie L. Carter" <jlcarter@uw.edu>

Thu, Nov 5, 2020 at 11:41 AM

Ok, glad that is figure out! My understanding from Marcus is that the seq_ID is his internal ID for new sites and the ID can be used by the data contributor if they have a project ID code.

That all sounds great, thank you for getting these IDs and the temperature data over so quickly.

Becky

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Ph: (907) 786-4965

Alaska Center for Conservation Science

University of Alaska Anchorage
3211 Providence Dr.
Anchorage, AK 99508
Beatrice McDonald Hall, Room 108

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Jackie L. Carter <jlcarter@uw.edu>
To: Rebecca Shaftel <rsshafte@alaska.edu>

Fri, Nov 6, 2020 at 1:55 PM

Hi Becky,

Here are the data and some additional metadata and clarifications. If anything needs further clarification, let me know. Two big things I noticed - it's possible that Aleknagik Bear Creek and Nerka Bear Creek were combined in the AKOATS files. There are some detailed notes in the metadata file regarding site IDs and what I noticed. If you find that maybe you need the separate temp data files for each stream, let me know. They'll be easy to pull out. A similar thing may have happened with Lynx Creek. Detailed notes in the metadata file, but short story: there are typically 3 temp loggers in Lynx Creek, one at the outlet of a warm lake the feeds the stream (Lynx Upper, Lynx Lake Trib...), one in a super cold trib that is just downstream of the lake (Cold Trib, Lynx cold trib...), and one near the bottom of the stream that gives an 'integrated' temperature picture (Lynx Creek, Lynx lower, ...). It looks like everything may have been combined in the LynxCreekAll. If you would like original files from that stream, or just the files from the lower location, let me know.

Jackie

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2 attachments



uw sites_JCadditions.xlsx
36K



forRS_UAA_2018-2020_WoodRiverStreamAndLakeTemps.xlsx
16975K