

Ahern, Justin

From: Ahern, Justin
Sent: Monday, March 27, 2023 11:26 AM
To: Gannon Rush
Subject: RE: HPRCC Website Contact - Data Request

Thank you and will do!

Justin

From: Gannon Rush <grush2@unl.edu>
Sent: Monday, March 27, 2023 11:25 AM
To: Ahern, Justin <Justin.Ahern@nebraska.gov>
Subject: Re: HPRCC Website Contact - Data Request

Justin,

Those two are mesonet stations, which is why they are not in ACIS. We are working on incorporating mesonet data into ACIS, but I don't have an idea of when it will be available. For now, you will have to access those stations through AWDN.

Gannon

From: Ahern, Justin <Justin.Ahern@nebraska.gov>
Sent: Monday, March 27, 2023 10:52 AM
To: Gannon Rush <grush2@unl.edu>
Subject: RE: HPRCC Website Contact - Data Request

Non-NU Email

Gannon,

Thanks again for your time and recommendations. I really appreciate it. I discovered SC ACIS (<https://scacis.rcc-acis.org/>) this morning and it was able to provide me with data for all stations other than those listed below (some of the station data was slightly different than what I previously downloaded via climod in January):

Guiderock3E	a257079	257079	40.08	-98.28
Holdrege 5N	a253929	253929	40.5	-99.37

I can only find records for these stations via [AWDN Web Service Access Tool \(unl.edu\)](https://awdnweb.unl.edu/). Do you know why this is and if that can be fixed so the data from these stations can be retrieved from <https://scacis.rcc-acis.org/> too. Likewise, <http://xmacis.rcc-acis.org/> did not have station data for the 2 stations identified above. I appreciate the help!

Best,

Justin

From: Gannon Rush <grush2@unl.edu>
Sent: Monday, March 27, 2023 9:46 AM
To: Ahern, Justin <Justin.Ahern@nebraska.gov>
Subject: Re: HPRCC Website Contact - Data Request

Justin,

AWDN data can be found here (<https://hprcc.unl.edu/awdn/index.php>) under Products and then Access Tool. It can be a bit confusing to use, so don't hesitate to ask if you have any questions. Climod is a bit finicky, so I typically use either XmACIS (<http://xmacis.rcc-acis.org/>) or SC ACIS (<https://scacis.rcc-acis.org/>). They are more advanced than Climod, but typically do not have many data issues. Just as a backup, NCEI's Climate Data Online (<https://www.ncei.noaa.gov/cdo-web/search>) would also be another good source.

I should have also clarified about switching out stations. Typically if someone has run into a data issue (missing data, stopped reporting, etc.) we try and help find a suitable replacement.

Gannon

From: Ahern, Justin <Justin.Ahern@nebraska.gov>
Sent: Sunday, March 26, 2023 11:29 AM
To: Gannon Rush <grush2@unl.edu>
Subject: Re: HPRCC Website Contact - Data Request

Non-NU Email

Gannon,

I appreciate the quick reply. You are correct, it looks like a lot of stations stopped reporting in 2022. Historical data should still be able to be accessed even if a station was shutdown...an older version of the HPRCC GUI allowed that (pre-climod GUI).

Can you give me a link to the "our website" you are referring to. I checked several means/links via the HPRCC website of collecting station data and may have accessed the site you are talking about. I had to do a URL request to access that database (if that rings any bells for you)...which was missing several stations like the climod GUI. I was only able to acquire data for 3 stations using that tool and the station data was different than what was reported on climod (when that data was available in January)...very odd. Mesonet seemed to have very little records too.

What did you mean by "switch out stations"? I am a bit confused by that. Also, though I really greatly appreciate your help and offer to collect data (honestly, thank you) I need to be able to acquire that data on my own and be able to display that it can be repeatedly collected in the same fashion by other entities. It would be great if you could point me to an option or tool that has the ability to pull the station data I need. That way I, or other entities can independently pull that data as needed...just like what was done up through 2021.

Once again, a big thank you!

Justin

From: Gannon Rush <grush2@unl.edu>
Sent: Sunday, March 26, 2023 11:04 AM
To: Ahern, Justin <Justin.Ahern@nebraska.gov>
Subject: Re: HPRCC Website Contact - Data Request

Justin,

I did a quick look at some of the stations and there are a few things I noticed. First, AWDN stations moved to our website. If you were getting the data from the old system, it would only go until the end of 2022. To get data now, you'd have to access it through our website. Second, several stations stopped reporting towards the end of 2022. They were still in the system, but not showing up on Climod. That is pretty odd to me and I can look into that. Depending on the variables and the period of record you need, I can go through the list and switch out stations for you tomorrow morning. I can always gather the information for you as well, it really is up to you.

Gannon

From: Ahern, Justin <Justin.Ahern@nebraska.gov>
Sent: Sunday, March 26, 2023 10:17 AM
To: Gannon Rush <grush2@unl.edu>
Subject: RE: HPRCC Website Contact - Data Request

Non-NU Email

Gannon,

Here is a list of all HPRCC stations used in the RRCA reporting process that I am working on. (see attached CSV). Just a few months ago (approx. January 5th, 2023) I was able to acquire data from all of these stations. Of course some stations had missing data or errors on certain days. Likewise, I know that the Champion Station was retired, so no issues there (we use PRSIM data to supplement missing data at times).

I used the following GUI located at: <http://climod.unl.edu/> . Now (just a few days ago) when trying to acquire from these stations, I am prompted with an error stating that the data no longer exists. This should not be the case. This makes completing the documentation of my work rather difficult, since other states need to be able to acquire this information and QA/QC my work if desired.

Note: when searching for stations via the GUI on <http://climod.unl.edu/> I had to used the attribute "Station_ID_NoLetter" (see attached CSV). Based on that attribute, the GUI automatically recognized that a station was either an AWDN station or a Cooperative Observer Station. When downloading the data in January, I also verified that the provided data was from the correct station I expected it to be from.

I hope that this CSV file helps. I really appreciate your time and help with this time-sensitive issue. I hope you have a great weekend and start to the work week!

Best,

Justin Ahern, PhD
ENVIRONMENTAL SPECIALIST III

Our offices have relocated to Fallbrook. Please note the address change below.
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Box C
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Cell 402-890-0513 / FAX 402-471-2900
justin.ahern@nebraska.gov

“Give a man a fish and you feed him for a day. Teach a man to fish and he’ll never have financial stability.”

From: Gannon Rush <grush2@unl.edu>
Sent: Sunday, March 26, 2023 8:42 AM
To: Ahern, Justin <Justin.Ahern@nebraska.gov>
Subject: Re: HPRCC Website Contact - Data Request

Justin,

Do you have a list of the stations you need data from? I can check with one of our programs if it is an issue on our end and then we can go from there. If not, I will get one of our programmers to look into it.

Gannon



Gannon Rush
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From: HPRCC Website Contact <HPRCC-SERVICE@LISTSERV.NEBRASKA.EDU> on behalf of hprcc-service@HPRCC.UNL.EDU <hprcc-service@HPRCC.UNL.EDU>
Sent: Friday, March 24, 2023 1:48 PM
To: HPRCC-SERVICE@LISTSERV.NEBRASKA.EDU <HPRCC-SERVICE@LISTSERV.NEBRASKA.EDU>
Subject: HPRCC Website Contact - Data Request

Contact: Justin Ahern
Email: justin.ahern@nebraska.gov
Phone: 8607518893
Subject: Data Request

Message: My name is Justin Ahern and I am an environmental Specialist with NeDNR.

I previously used the climod.unl.edu GUI to acquire daily AWDN and Coop station data for our annual interstate compact accounting process with Kansas. I utilized this GUI a few months back to acquire 2022 weather data and had no issues, other than several stations had missing data (one of the reasons our department also used PRSIM data as a supplement). I attempted to acquire 2022 station data again (same stations as previously accessed) and was prompted that the requested data no longer existed. As a check, I tried to acquire data for a range of different years. I was still prompted that the requested data no longer existed. This can't be true because I accessed that data just a few months ago. Please help. I need to be able to acquire this data and need to convey that it can be acquired by outside reviewers. This is a time-sensitive issue. I appreciate your time and help.

Justin