

Gisaf - Support #14542

Gisaf not properly working: time-out and wrong date for weather station rainfall data - UPDATE

08/10/2022 11:48 - Giulio Di Anastasio

Status:	In Progress	Start date:	08/10/2022
Priority:	High	Due date:	
Assignee:	Philippe May	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Description			
<p>This morning (8th of October 2022) Gisaf was down, but the server was on. I have switched the server off, then waited some time and then restarted the server. I could then connect to Gisaf, and I wanted to check how much rain we got in CSR weather station (as it was raining last night). I saw the value of 24.4 (if I am not wrong), but its date on the graph was wrong, indicating the 9th of october (tomorrow). So, I wanted to download the raw data and see how were they recorded, but I got the "Time out" error, and then Gisaf stopped connecting (see screenshot attached).</p> <p>I hope you can understand what is happening... thanks for letting me know</p>			

History

#1 - 08/10/2022 12:18 - Giulio Di Anastasio

- Subject changed from *Gisaf not properly working: time-out and wrong date for weather station rainfall data* to *Gisaf not properly working: time-out and wrong date for weather station rainfall data - UPDATE*

I could now connect to Gisaf again, even though I did not do anything ...

I went to CSR weather station, and checked today rainfall data: it says 24.6, but the displayed date is 8th of october.

I then went to download the daily resampled data, I got the file, and I saw that the 24.6 mm is actually recorded as being on the 8th of october, which is correct: so it looks like we have a discrepancy between the stored data and the graph displayed data...

I also tried to download the raw data of the weather station, but it gave me the error "504 Gateway Time-out" and below it, "nginx"

Thanks

#2 - 08/10/2022 12:21 - Giulio Di Anastasio

- File *Wrong date displayed.jpg* added

- File *Giulio @ CSR (4)-rainfall-D.csv* added

I attach here the screenshot of the graph with the wrong date (9 october), and the downloaded daily rainfall csv, with the last reading (today) being correct...

#3 - 09/10/2022 15:10 - Philippe May

- Status changed from *New* to *In Progress*

Hola de Andalucia, taking a few days in this beautiful region... All good but bit hectic with internet connection.

I had a very quick look on the server and everything looks OK right now. The geomatics portal seems also OK, with latest rain data (enjoy the rainfall!).

Checking <https://gis.auroville.org.in/dashboard/Water/Weather%20stations>: it looks like the 2 weather stations which send data to AmbientWeather.com web service had a cumulative correction of around 20mm at 12AM this night. Kalpana's WS (a different model/brand) sends data to WeatherUnderground.com and seems all good.

So i suspects it's a temporary failure from AmbientWeather.com.

Raw data from CSR WS is huge now, with millions of records. I'll check later when i have better internet and some more time.

#4 - 10/10/2022 14:45 - Giulio Di Anastasio

Thanks Philippe for looking at it!

I did not understand what you mean by saying "it looks like the 2 weather stations which send data to AmbientWeather.com web service had a cumulative correction of around 20mm at 12AM this night".

Also, please check about the dates in the graphs of CSR and Sunship WS: they look one day ahead (9 october instead of 8, 10 instead of 9, etc)

Thanks

#5 - 10/10/2022 15:07 - Philippe May

The brand of these 2 WS is AmbientWeather, and they send the data to AmbientWeather.com web/cloud service.
The one in Kalpana is another brand, and there is no option to send data to the same service, so i have configured it to send data to weatherunderground.com, and wrote another piece of software interface to get data from there.

I think the confusion with the day is only with the X axes in the graph. When you get data in CSV or mouse over on the graph, the values look OK to me.

Files

Gisaf 8 october 2022.jpg	45 KB	08/10/2022	Giulio Di Anastasio
Giulio @ CSR (4)-rainfall-D.csv	35.8 KB	08/10/2022	Giulio Di Anastasio
Wrong date displayed.jpg	16.1 KB	08/10/2022	Giulio Di Anastasio