

**Dear Editor Linden Ashcroft**

Please find the revised version of the paper attached, which incorporates all claims and suggestions proposed by the reviewers. The green text in the manuscript is a result of suggestions made by the first Reviewer, while the blue is our proposal to the suggestions directed by the second Reviewer.

**Your suggestions:**

„The archivists and librarians very likely knew it was there, and yet I don't see their support or assistance mentioned in the manuscript. Historical climatology work is interdisciplinary in nature and acknowledging the value of our archivist colleagues is important.”

**Reply.** We would like to assure the editor that we share your views and greatly value the work of all librarians and archivists, who have often assisted us. This includes archivists working at the Library and Archives of the Royal Society in London. Therefore, in gratitude for the editor's suggestion, we have added an acknowledgement in the Acknowledgements section (see the red sentence).

Of course, you are right that archivists were aware of this source because it was catalogued by them. Perhaps the misunderstanding stems from the simplification and imprecision of our text (sentence). By "discovery of the new series of measurements," we meant the „unearthing” of this undoubtedly new source of meteorological data for scientific research. Therefore, this fragment has been slightly modified in a few places in the revised version (see text in red). We hope this is acceptable to you now.

Kind regards

On behalf of the Authors

Rajmund Przybylak