

# ***Interactive comment on “April–August temperatures in the Czech Lands, 1499–2012, reconstructed from grape-harvest dates” by M. Možný et al.***

**Anonymous Referee #2**

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Mozny and colleagues present a new, continuous record of Grape Harvest Dates for the Czech lands back to 1499. The paper is well structured and merits publication in a peer-reviewed journal. The authors should make sure that the data will be available with publications in a archive (e.g. NCDC/NOOA). This accompanying publication highlights strengths and weaknesses in usefull way.

Considering the focus on data compilation and reconstruction methods, more attention should be paid to this part of the study. See remarks in the PDF attached. There is need for better documentation of the newly recovered archival sources, compilation methods, data corrections for Julian calendars etc.

Defining annual values as the median dates in years with more than one year seems

a reasonable choice. However, the composition of the time series would be much more reliable with deeper analyses presented concerning the spatial variability of GHD in one year. See PDF for more comments.

The discussion of socio-cultural events (eg war periods) in relation to the moving correlations could be nicely illustrated in Fig. 9. These incidents may partially explain the variability (or drop) in moving correlations. Consider adding the events on the figure.

Please also note the supplement to this comment:

<http://www.clim-past-discuss.net/cp-2016-19/cp-2016-19-RC2-supplement.pdf>

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Interactive comment on Clim. Past Discuss., doi:10.5194/cp-2016-19, 2016.

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