

## ***Interactive comment on “Shifts in early spring wind regime in North-East Europe (1955–2007)” by S. Keevallik and T. Soomere***

### **Anonymous Referee #2**

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General comment to paper : "Shifts in early spring wind regime in North-East Europe (1955&#8211;2007) Author(s): S. Keevallik and T. Soomere"

The authors discuss a very interesting topic, the shift of the general wind patterns in northern Europe. The below remarks should be taken into account before the final publication:

1. The climate in northern Europe is very variable both seasonally and interannually. So, no clear seasons are found: i.e. for example that every year summer would be dry and warm, autumn windy and wet etc and that these seasons would start at exact time. However, some systematic behavior is no doubt existing. The author should discuss this matter so that readers outside our latitudes do not get a wrong view that we have

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some regularity like the Monsoon -type or La Nina -type of atmospheric circulation.

2. The choice of the weather station Harku look a little bit strange because of many reasons: A) The data have gaps and the location of the weather station has been moved. This is a crucial point because winds a very local and often the problem with wind measurements is that there are some areas "shadowing" the location of measurements; like houses, forests, hills. It would be desirable to tell about the local conditons in the old and new stations.

3. The authors have compared their results with another station (Jokoinen). This is very important and the results that there are no major discrepancies between the data are encouraging. Additional comparisons would increase the scientific value of the conclusion given by the author.

4. The authors could discuss whether these regine shiftes are due to natural varibaility in out climate or due to Clmiate Change. I did not find such a discussion.

No specific or technical comments. The work has been done by great care.

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Interactive comment on Clim. Past Discuss., 4, 271, 2008.

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