

# ***Interactive comment on “The Climatology, precipitation types and atmospheric conditions of extreme precipitation events in western Turkey” by Bulent Oktay Akkoyunlu et al.***

## **Anonymous Referee #2**

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### General comments

In this study, precipitation characteristics (PCs) causing extreme precipitation events (EPEs) are mainly investigated for the western part of Turkey by using Lamb Weather Type (LWT) approach and Radar outputs. In addition to the usage of high spatial resolution meteorological network, the authors divided the PCs as sea-effect, cyclonic and convective EPEs by using methodologies based on LWT. The scientific point of view of this manuscript is really worth to evaluate and this manuscript should be accepted after some minor revisions given below.

### Specific comments

- To explain the characteristics of the precipitation events, the usage of the LWT should be explained in more detail for the two different regions of Turkey,
- There are some deficiencies in discussion part of the study. I suggest to the authors focusing on different studies based on precipitation mechanism over Eastern Mediterranean Basin and discuss their results with the others,
- Finally, I recommend to use radar outputs for some specific convective cases by using the movements of the precipitation bands to emphasize the topographical importance of the region.

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