

Interactive comment on “The DAURE field campaign: meteorological overview” by O. Jorba et al.

O. Jorba et al.

oriol.jorba@bsc.es

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The authors gratefully acknowledge the comments of the Anonymous Referee #2, which may help to improve the quality of this manuscript.

Overall, the referee recognizes the interest of the manuscript with the aim to describe the main meteorological conditions observed during the DAURE experimental campaign. The manuscript has been revised after the referee's comments in order to introduce the suggestions for improving the quality of the paper. A revision of the manuscript has already been sent to the Editorial Office.

We attach an item-by-item response following to all the relevant statements of the referee.

C2801

Referee #2: “In general, the topic of the paper is interesting, the text is well organized and the discussion is clear. The quality of the figures has improved from the first version. The methodology used is appropriate. However, the description of the results should be more concise.”

The authors fully agree with the Referee comment about the length of the description sections. In this sense, Section 3 and Section 4 have been reduced to improve the clarity of the final manuscript and provide more concise information. However, after reviewing the structure of the discussion manuscript, the Authors have decided to maintain its original sections and summarize some of the findings of the work.

Referee #2: “The large number of figures provides much information; therefore, the text of paragraphs 3 and 4 should be reduced. A synthesis effort should be made to highlight the main results.”

Following the Referee suggestion, Section 3 and 4 of the manuscript have been reduced to improve the clarity of the final manuscript. In Section 5, an effort to summarize the main meteorological patterns occurred during the DAURE campaign has been done. The main patterns are identified for both winter and summer campaigns. An important effort to improve the figure quality has been done. To improve the clarity and quality of the information, now the backward cluster trajectories are presented as supplementary material.

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