

Interactive comment on “Daily oceanographic analyses by the Mediterranean basin scale assimilation system” by S. Dobricic et al.

S. Dobricic et al.

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Reply to referee #2

We would like to thank you for very useful comments that helped to improve the presentation of the manuscript. Unfortunately, we do not have the final form of the manuscript as it will appear on-line, and we can indicate the corrections only by the paragraph in which they appear.

Reply to comments:

a) The reason why misfits are grouped into weekly intervals is now given in the second paragraph of Section 3.1. The first paragraph in Section 3.1 now explains why the evaluation starts in October 2004.

b) The relative importance of the improvements by the daily assimilation is now dis-

cussed in the third paragraph of Section 3.1. The issue related to the computational time is now given in the last paragraph of Conclusions.

c) The title is changed, and is more precise now.

d) Figures are improved.

Specific comments:

1) Now it is substituted by “shorter than a week”

2) Now the bottom of the first paragraph of Introduction explains what is FGAT.

3) Now there are two references which give more details (the second paragraph of Section 2.1).

4) Now there is the more precise information about the distance (the third paragraph in Section 2.1)

5) Now there is a detailed information about the model and observations (the fourth paragraph in Section 2.1).

6) The sentence is rephrased (the second paragraph of Section 2.3).

7) Now there is a more detailed explanation why the r.m.s. of misfits is an independent estimate (the second paragraph in Section 3).

8) The word “measured” is substituted by the word “computed”.

Technical corrections:

All technical corrections are made in the revision. In particular the following larger corrections are made:

12) Now the lines are marked by symbols. The horizontal coordinate now ends at 15 March 2005. Now the label correctly states that the misfit is in cm.

14) Now the contours are in cm.

15) The figure became small during the online publishing process. This time we will check its size carefully.

Interactive comment on Ocean Sci. Discuss., 3, 1977, 2006.

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