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Comment

Interactive comment on “Characterization and effects of cold fronts in the Colombian Caribbean Coast and their relationship to extreme wave events” by J. C. Ortiz-Royero et al.

Anonymous Referee #1

Received and published: 31 July 2013

The paper is well written, easy to follow, and introduces an interesting and novel topic. As I have reviewed this paper previously, my remaining comments are minor. I thank the authors for addressing my previous comments.

Page3660 Line10: "The highest occurrences ...". Either explain occurrences of what, or maybe re-word to something like "The highest numbers of cold fronts ...".

Page3660 Line12: "... trend ...". The word trend occurs several times in the paper, and the associated comments may be inconsistent with each other. Compare this use of trend (... not observed ...) with those at Page3667 Line9 (... is an observable ...) and

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Page3669 Line22 (This trend indicates ...).

Page3663 Line25. Suggest this sentence be re-written, as these things are not shown in Fig. 5.

Page3664 Line12. The quoted temperature and humidity values do not correspond with Fig. 6.

Page3664 Line22: "The phenomena ... also reported". This needs some extra words to form a sentence.

Page3668 Line3. Re-word to something like "meters, corresponding to the average of the highest one third of the waves) ...".

Page3668 Line5. Please say that the values in Figures 11 and 12 are monthly-averaged significant wave heights (if that is what they are, as opposed to, for example, monthly maxima).

Page3670, final paragraph of Section 4 (or maybe elsewhere). I repeat part of my previous comment about Figure 15 being difficult to interpret. I suggest use of a more intuitive colour scale (I think at present white indicates high values), some text explaining what the different colours mean, and reference to particular features of the plot prompting the conclusions drawn from it.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 1, 3659, 2013.

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