

Interactive comment on “Storms or cold fronts? What is really responsible for the extreme waves regime in the Colombian Caribbean coast” by L. J. Otero et al.

L. J. Otero et al.

ljotero@uninorte.edu.co

Received and published: 7 November 2015

RESPONSE TO COMMENTS OF REFEREE # 2 Regarding to the comments of referee # 2, we think that the article does make a significant contribution to a topic which has not been written concerning the Central Caribbean Sea. No references had been found that addressed this topic. It contributes new knowledge considering that the scholar and scientific community, the authorities and the population have attributed the extreme wave heights to hurricanes. This work proves that in most of the Colombian Caribbean Seacoast that is not the case. It is possible that in other regions of the Caribbean coast of the Central American countries, and the Greater

C2207

and Lesser Antilles, this phenomenon might also occur. For this reason, this work represents a starting point for this question. As has been responded to Referee # 1, important modifications have been made to the article. Among others, calculations have been made using a database of 30 years of extreme wave heights. Adjustments and corrections to the text have been made. Figure 1 of Buoy location has been changed. Figure 3 has been corrected. The texts and the article have been proofread, revised and edited.

Please also note the supplement to this comment:

<http://www.nat-hazards-earth-syst-sci-discuss.net/3/C2207/2015/nhessd-3-C2207-2015-supplement.zip>

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 3, 3023, 2015.