

Interactive comment on “Impact of a medicane on the oceanic surface layer from a coupled, kilometre-scale simulation” by Marie-Noëlle Bouin et al.

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This paper presents a study of the impact of a medicane on the oceanic upper layer using a high resolution model. The authors used a high coupling frequency of 15 min which is rather high. In our team, we worked on the impact of the wind forcing temporal resolution on the sea dynamics. Indeed, it is recommended to use a high temporal resolution. Could authors give few words on the added value of using such a high frequency (as high as 15 min)? If a lower frequency was used (for example hourly coupling) would the results be different?

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