

Interactive comment on “Comment on “Observing desert dust devils with a pressure logger” by Lorenz (2012)” by A. Spiga

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Indeed it should be expected that there are pressure variations in strongly heated environments with various characteristics, not just the discrete dips associated with dust devils, and this paper very nicely shows the spatial and temporal organization of these convective flows.

Of interest to field observers such as myself is whether particular length or temporal scales of interest. For example, if three or more meteorology stations are available, what would be the separation between them that might best characterize the variations - eyeballing the plots suggests maybe a few hundred meters, but it might be useful if the paper can be explicit on suggested measurement strategies.

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I recognize this is just a short note, but a brief statement on how this organized convection is expected to vary over the course of the day, and how it is influenced by the ambient wind (do high winds destroy it?) would also be useful.

Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss., 2, 593, 2012.