



## **Waterspout-Tornado Events in the Canary Islands Area**

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The aim of this study is twofold. First, we describe and characterize tornado and waterspout events in the Canary islands area. Event occurrences are gathered from literature and documented spotted cases for the past ten years. In order to characterize each case we make use of atmospheric sounding and of a local high resolution model (MM5). Secondly, we employ a Szilagyi nomogram to compare the waterspout and tornado appearance conditions in the Canary islands to those at other locations, assessing the capabilities of such graphic as a prediction tool. Finally, we envisage and design a database in order to keep record of future cases for further reseach.