



## **VLF signal anomalies dues to TS and Hurricanes**

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VLF signal propagates by multiples reflection in the Earth-Ionosphere wave guide.

It constitutes a powerful tool to study the lower region of the ionosphere, the D region. This technique was applied to study perturbations related to the solar flares effect, TGF, the connection between TLEs and Early events....

In this contribution I will present a new results on the evidence of signal perturbations associated with TS and Hurricanes.

A wavelet spectral analysis is applied to the signal amplitude to search for eventual Atmospheric Gravity wave which may be the origin of the signal perturbations.