



Interactive
Comment

Interactive comment on “Meteorological effects in the lower ionosphere as based on VLF/LF signal observations” by A. Rozhnoi et al.

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The paper is nicely written and brought very important effect that the VLF/LF signals are sensitive to the pressure, temperature, velocity etc, of the atmosphere. Effects of Tropical Cyclones shown are convincing. If anything, such observations point to the need of more coordinated efforts by experts all around the world. It also indicates how complex the problem is and would motivate theorists to bring out global solutions.

Authors mentioned the limitations also and the fact that correlated the signal amplitudes with local quantities at the place of 'registration'. It is not clear why this should be so. The propagation effects are cumulative effects and thus more surprises are expected in future. Most certainly, this paper will contribute to the troposphere-ionosphere coupling.

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I only make a small suggestion: From Russian background of some of the Authors, it is OK to write 'place of registration' as they have done so in their so many papers to actually mean receiving stations. I would still prefer that they replace the place of registration by 'receiving stations' as it is more scientific and signifies a process of continuous monitoring (registration would imply just to register, perhaps once or twice, but it does not convey the meaning of continuously writing the data).

So with this minor changes the paper may be accepted.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 2, 2789, 2014.

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