

Sensitivity of the Schumann resonance to the atmospheric impact of meteoroids.

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Abstract: We studied the effect of meteoroids that have entered the Earth's atmosphere at high velocities reported by CNEOS-JPL-NASA since 2013 in records of Schumann resonance data obtained in Mexico. It is expected an effect in the upper atmosphere according to the energy of the meteoroid. In this work we analyze the effect of the disturbance at the ionosphere level which might have a temporary effect in the Earth-ionosphere cavity where the Schumann resonance propagates.

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