



On the Reflection of solar Activity in the meteorological Parameters of the Surface Atmosphere

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The influence of space factors on the state of the terrestrial biosphere - object of constant discussions of scientific association [1]. The same is the state of a question concerning the reflection of space factors in the short term dynamics of the meteorological parameters on the daily temporary scales [2].

At the same time, the influence of weather factors on human health is the acknowledged fact, which is reflected in the therapeutic and preventive practice. It is obvious that the search for the short term connections between the space factors and the meteorological parameters can lead to the positive result, in the first place, with the most powerful events.

A study of the meteorological parameters data of Nizhniy Novgorod region is carried out in the period of the powerful solar flares in January, 2005 (high geoeffectiveness is revealed by high Kp indexes). The analysis of the possible mechanisms of assumed influence is discussed.

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1 Reference

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2. Avdyushin S.I., Danilov A.D. Geomagn. Aeron. 2000.V.40, N5. P.3-14.