**INVESTIGATION OF THE DENSITY AND VECTOR ANISOTROPY OF GALACTIC COSMIC RAYS DURING THE ARRIVAL OF INTERPLANETARY DISTURBANCES**

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The Forbush effect is a change in the density and anisotropy of cosmic rays in large-scale disturbances of the solar wind. Geomagnetic activity and Forbush effects are most often closely related, as they are a consequence of the influence of interplanetary disturbances. In this work, we consider Forbush effects caused by sporadic perturbations of the interplanetary medium due to coronal mass ejections from disappearing solar filaments. Forbush effects in cosmic rays are isolated and a catalogue of events for 1995-2023 associated with solar filament disappearances on the Sun that were accompanied by CMEs is compiled. For all events associated with CMEs from the disappearance of solar filaments, the characteristics of interplanetary space were considered using measurements on the ACE satellite (https://izw1.caltech.edu/ACE/), and solar sources were determined, the density and vector anisotropy of galactic cosmic rays beyond the boundary of the magnetosphere were calculated using the Global Survey Method (GSM), the features of variations in the density and vector anisotropy of galactic cosmic rays (GCR) in the events under consideration were revealed for sources with different heliocoordinates, and the maximal values of the density and vector anisotropy of galactic cosmic rays (GCR) were determined.

***ABSTRACTS***

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