



Contribution ID : 1156

Type : **Poster**

Forbush effects and precursory effects in total and different multiplicities of neutron intensity according to many years observation by low-latitude mountain NM-64

Abstract content

We analyze data of NM-64 on Mt. Hermon of peculiarities of Forbush effects and precursory effects in total and different multiplicities of neutron intensity according to many years' observations. By comparison with data on other CR stations and by the method of coupling functions (see review in [1]) we estimate the energy spectrum of these effects and possibility to use precursory effects for forecasting of great geomagnetic storms.

References: [1]. L.I. Dorman, Cosmic Rays in the Earth's Atmosphere and Underground, Kluwer Academic Publ., Dordrecht/Boston/London, 2004.

If this papers is presented for a collaboration, please specify the collaboration

Summary

Reference

Primary author(s) : Dr. PUSTILNIK, Lev (Israel Cosmic Ray and Space Weather Center, Tel Aviv University & Israel Space Agency, Israel)

Co-author(s) : Dr. DORMAN, Lev (Israel Cosmic Ray and Space Weather Center, Tel Aviv University & Israel Space Agency, Israel); Dr. STERNLIB, Avraam (Israel Cosmic Ray and Space Weather Center, Tel Aviv University & Israel Space Agency, Israel); Dr. ZUKERMAN, Igor (Israel Cosmic Ray and Space Weather Center, Tel Aviv University & Israel Space Agency, Israel)

Presenter(s) : Dr. PUSTILNIK, Lev (Israel Cosmic Ray and Space Weather Center, Tel Aviv University & Israel Space Agency, Israel)

Session Classification : Posters 1 + Coffee

Track Classification : SH.2.1