

THE AUTOMATIZED SYSTEM FOR THE COLLECTION, TREATMENT AND ANALYSIS OF

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At the Institute of Cosmophysical Research and Aeronomy of SB RAS the automatized system for the collection, treatment and analysis of data (ASCAD) has been created to solve the problem of the ground-based radiation monitoring of interplanetary space and forecast of geoeffective events. Contrary to the ASCOD (Automatized System of Corpuscular Operative Diagnostic) of similar type, created in 1984-1991 at the Tixie Bay station, the ASCAD allows to carry out the radiation monitoring simultaneously by data from several cosmic ray stations and provide timely input of geoeffective event forecast into Internet in the real-time regime.

In November-December 2000 the test starting of the system has been done and since January 2001 the ASCAD system is constantly operating by Tixe Bay and Yakutsk station data.