

ELECTRIC FIELD DISTURBANCES IN THE SUMMER-TIME ATMOSPHERE...

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Short variations of cosmic ray intensity during rain and thunderstorm events (meteorological cosmic ray effects) were observed at Baksan two decades ago. They were demonstrated to be related to electric field disturbances in the atmosphere, though no complete quantitative description of the effect was given. We have started a more detailed experiment to study this phenomenon, measuring various components of secondary cosmic rays at different energy thresholds and the electric field strength. Some examples of newly recorded events are presented.