

OBSERVATION OF FORBUSH DECREASE BY THE NARROW ANGLE MUON TELESCOPE AT MT. NORIKURA

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The narrow angle muon telescope at Mt. Norikura has been operated since May 1998.

The telescope covers 50 degrees of the sky with angular resolution of about 7 degrees.

Forbush decrease larger than about 4 percent were observed of five events.

The counting rates of event are plotted in the two-dimensional map of 21 times

21 bin. The time sequence of the plot indicates that the decrements of

viewing directions are not uniform and have a characteristic tendency in sharp

decreasing phase of all events.