Long Term Variation of Cosmic Ray Anisotropy and Soalr Activity

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The cosmic Ray (CR) intensity data recorded with Goose Bay Neutron Monitoring station have been investigate on 60 quietest days (QD) in a year for studying the variation in tri-diurnal and quart diurnal anisotropy during solar cycle 21 and 22. It has been observed that in spite of abrupt change in the amplitude and phase of tri-diurnal and quart diurnal anisotropy in CR intensity the amplitude is quite significant throughout period of investigation. The tri-diurnal anisotropy clearly shows 11 year type of variation at Mid latitude neutron monitoring station.