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## Geoeffectivness of irregular events versus their location on the solar disc

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Data concerning solar irregular events from the USAF/NOAA daily reports have been collected by our research team since 1996. The events are described by their types (SF, RSP, RSP II, LDE, CME, DSF), size and location on the solar disc in heliographic coordinate system. As we look for geoeffectivness of the irregular events, we transform the data to geocentric solar ecliptic coordinate system. Our study is based on the data from period 1996-2004. Analysis of individual event types shows that the degree of their geoeffectivness is dependent not only on their solar disc location, but also on their size. For every type and size rank, we set the range and shape of the characteristic geoeffective region. The results are summed up in tables and scatter graphs.