

FORBUSH DECREASE ON OCTOBER 20-22, 1989

A. Struminsky (1,2)

(1) Indian Institute of Geomagnetism, (2) IZMIRAN

The Forbush decrease occurred on October 20, 1989 at the background of the ground level enhancement and was accompanied by the large geomagnetic storm. The Forbush decrease and the geomagnetic storm lasted about three days. During their recovery phase occurred another large GLE of October 22, 1989. Using independent data sets obtained by space, stratosphere and ground based detectors CR variations of solar, interplanetary and magnetospheric origin are separated for this event.