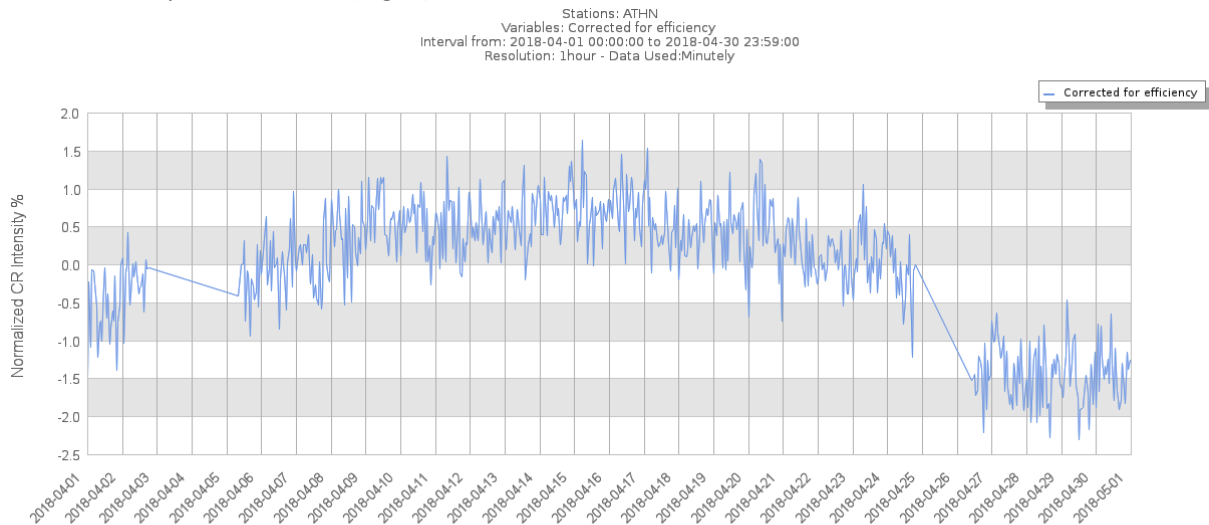


April 2018 has been an active month in the sense of geomagnetic activity. A number of only 8 CMEs has been spotted (source <http://sidc.oma.be/cactus/catalog.php>) with angular width $w < 90^\circ$. These CMEs together with the high-speed streams of solar wind for this month resulted to a distinct modulation of the galactic cosmic rays. April was a very quiet month in the sense of proton flux levels of solar flares (SFs) in contrary to previous months. None solar flare of magnitude $> C1.0$ has been spotted.

The interaction of a high-speed solar wind stream from a coronal hole on April 9-11 and 20-21 triggered a geomagnetic minor storm of G1 level and a moderate storm of G2 level respectively. The results of these events during this month were spotted on the cosmic ray intensity as Forbush effects, recorded at Athens Neutron Monitor Station (cut-off rigidity 8.53 GV) with amplitudes varied from 0.75% up to almost 2% (Fig. 2).



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Figure 2: Hourly corrected for pressure and efficiency values of the cosmic ray intensity recorded by Athens Neutron Monitor Station from 01-30/04/2018
 (From the multi station data service of Athens NM Station)

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