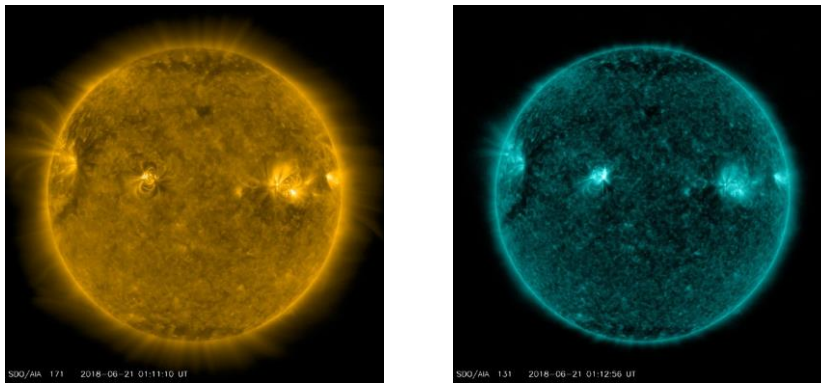
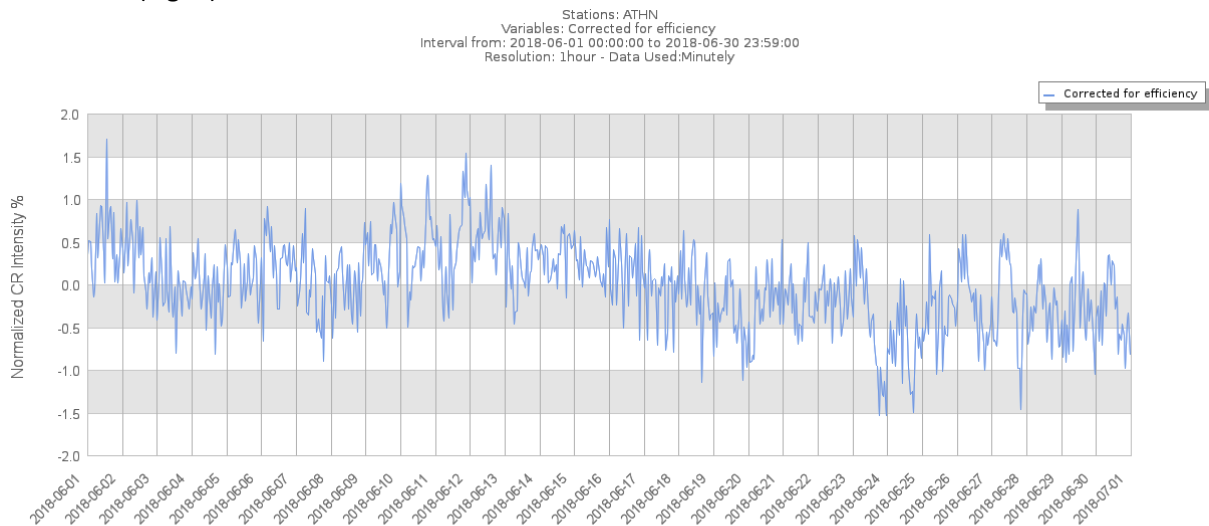


June 2018 has been a less active month than May in the sense of geomagnetic activity. A number of only 10 CMEs has been spotted (source <http://sidc.oma.be/cactus/catalog.php>) with angular width  $w < 90^\circ$ . These CMEs together with the high-speed streams of solar wind for this month resulted to a distinct modulation of the galactic cosmic rays. June was also a less active month in the sense of proton flux levels of solar flares (SFs) in contrary to May. A number of only two solar flares with magnitude  $> C1.0$ , was recorded during this period. The most energetic solar flare was a C2.1 noticed on 21/06/2018, 01:15UT (peak time) with coordinates N08E06 (Fig. 1).



**Figure 1:** The C2.1 solar flare of 21/06/2018 at 01:15 UT peak time (from <https://sdo.gsfc.nasa.gov/data/aiahmi/> and <https://www.solarmonitor.org>)

The interaction of a high-speed solar wind stream from coronal holes on June 1-2, 18 and 25-26 triggered a minor geomagnetic storm of G1 level. Active conditions noticed also on June 23 as a result of the interaction of a high-speed solar wind streams from coronal holes. 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 0.5% up to almost 3% (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 01-30/06/2018  
 (From the multi station data service of Athens NM Station)