

Solar Flares Activity in Active Region NOAA 9033 on 12th June 2000

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In the paper, we present a study of three homologous H-alpha flares observed on 12th June 2000 in active region (AR) NOAA 9033. During the observation of AR NOAA 9033 on 12th June 2000, we observed 1st solar flare between 0135-0155 UT, 2nd flare between 0236-0253 UT and 3rd flare between 0259-0323 UT. We have also analysed 17 GHz radio data observed from Nobeyama Observatory, Japan of same location and same duration to understand the origin of flare like activity in H-alpha and 17 GHz radio data. The present study support the quadrapolar reconnection scenario and also shows the presence of 6.7 min periodcity in intensity data estimated from the site of the homologous flares.

Publication:

35th COSPAR Scientific Assembly. Held 18 - 25 July 2004, in Paris, France., p.630

Pub Date:

2004

Bibcode:

2004cosp...35..630V



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