



Analysis of an outbreak of extremely severe weather followed by tornado in Serbia

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In the period of 23 to 25 June 2014, there was an outbreak of an extreme severe weather accompanied by large hail, heavy rainfalls and extremely strong winds in Serbia. Although this period of the year is usually characterised by high thunderstorm activities in this region, these windstorms were exceptional by its incidence and intensity. Radar and satellite images taken in this period have shown occurrence of three strong supercells followed by damaging winds and tornado on 25 of June. The windstorms and tornado had a devastating effect on the Serbian territory - several people were hurt, a number of houses and infrastructure severely damaged. The paper will analyse this supercells which triggered the extreme severe weather outbreak and the conditions for their occurrence through examination of radar and satellite images.