Radar characteristics of selected windstorms in Serbia over the last decade

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Hail damage has been the main source of damage from severe storms on the territory of Serbia in the last decade. By using Doppler radar system it is possible to explain origin of severe winds that accompany many of mesoscale convective systems. This paper analyses a selected number of windstorms that are well recognized a on radar display named bow echos, on the Serbian territory in the period of 2003-2013. As bow echos are organised convective systems that can last for several hours and produce intensive damage to crops and infrastructure it is important to follow their initiation and development in order to be able to predict their occurrence and possibly limit their effects.