



Possible occurrence of tornado near Teplice in northern Bohemia in May 2011

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The case study describes a possible occurrence of tornado during the strong thunderstorm on the 26th of May 2011 in the village Lbín near Teplice in the north of Bohemia. This study is focused on the meteorological situation in the atmosphere during the event and on the conditions for possible formation of tornado. There are more factors which indicate the possible occurrence of tornado, but there are no videos or pictures recorded during the event. According to the author's own findings damages of large building were very severe and iron parts of the roof were found more than one and a half kilometres from the place of its origin. Wind gusts during the event close to the place of the occurrence were around 25 m/s. There is low probability for a downburst occurrence because the aftermath indicates rather tornado occurrence. Unfortunately, the investigation in the place was delayed for almost one week after the event, so there is uncertainty about the damages. There was no injury during the duration of the phenomenon.