

## Observation of downburst in Takasaki and Maebashi city, Gunma on 11 August 2013

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On the evening of 11 August 2013, a severe thunderstorm passed over the Takasaki and Maebashi city, Gunma prefecture, and produced gusty wind damages. The change of surface weather elements was recorded by dense observation network POTEKA when gust occurred. In this study, we follow the development and propagation of gust-front and downburst through the analysis of features of the pressure field observed by POTEKA. The result of this analysis reveals that the reason of gust caused damages in Maebashi city is downburst.