

## Ku-band radar observation of cumulonimbi on August 11, 2011

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We started a field observation in Tokyo metropolitan area from 2011 with a dense network of various instruments in order to clarify the mechanism of extreme weather such as heavy rain in an urban area, and to predict its occurrence. In this field observation, authors installed a Ku-band radar in Musashino-shi, Tokyo in September, 2011, which can create a volume scan in one minute to acquire the structure of rapidly developing cumulonimbi.

In this presentation, successive creation of cumulonimbi which was observed by the Ku-band radar on August 11, 2011 during a preliminary observation in Tsukuba will be introduced.

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