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## **Thunderstorm and precipitation nowcasting system for Pulkovo airport**

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Nowcasting system has been produced and tested operationally since 15.10.2014 and put into operation since 15.01.2015 to provide airdrome service with a vital data for runways maintenance. Particular emphasis is placed on the information on thunderstorm and precipitation onset, relevant for landing and take off. Nowcasts are produced using data from Doppler weather radars Meteor-500C (C-band) and Meteor-50DX (X-band) via the “Meteor-MeteoCell” system. Update frequency is 10 min, lead time is 120 min, and time resolution is 10 min. Data of the MeteoTrassa system on visibility and precipitation, including its type, on two runways is used to control.