

Osaka Urban Phased Array Radar and Lightning Network Experiment

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Osaka University, Toshiba and the Osaka Local Government started a new project to create the Osaka Urban Demonstration Network. The main sensors of the Osaka Network are 2-node Phased Array Radar Network and Broadband Observation Network for Lightning and Thunderstorm. Data products which are created both in locally and Toshiba Computer Cloud, include single and multi-radar data, vector wind, quantitative precipitation estimation, VIL, Lightning location, nowcasting, and analysis. These new products are transferred to Osaka Local Government in operational mode and evaluated by several section in Osaka Prefecture.

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