

Osaka Urban Phased Array Radar and Lightning Network Experiment

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*牛尾 知雄¹、菊池 博史¹、嶋村 重治¹、Wu Ting¹、吉田 智²

*Tomoo Ushio¹, Hiroshi Kikuchi¹, Shigeharu Shimamura¹, Ting Wu¹, Satoru Yoshida²

1.大阪大学大学院工学研究科情報通信工学部門、2.気象研究所

1.Information and communication engineering department, Osaka University, 2.MRI

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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