

S41-05

Introduction of JMA's satellite-based nowcasting products

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In JMA, several satellite-based nowcasting products have been generated from Himawari-8/9 imagery and have been provided for various purposes.

Convective cloud information (CCI), fog detection and volcanic ash product have been provided for aviation safety and effective air control.

Sunshine duration product is provided as 2-D extension of pointed ground-based observation, and aerosol product is also provided to monitor aeolian dust event.

Besides that, SST product is also provided to monitor the global SST.

In my presentation, I'll introduce overview and current status of these products.