

# JMA and JAXA



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## ■ Current operation

- MTSAT-2 (Himawari-7) : Imaging operation at 145E since 1 Jul. 2010
- MTSAT-1R (Himawari-6) : Imaging operation standby at 140E, direct broadcast and DCS (Data Collection System) operations

## ■ Plans

- **Himawari-8** and **-9** satellites
  - launch in 2014 and 2016 and start operation in 2015 and 2022
- **AHI** (Advanced Himawari Imager)
  - Increase channels, spatial resolution and measurement frequency
    - 16 ch, including 3 VIS
    - Full disk:10min
    - Half of Japan region (2000x1000 km) : 2.5 min
    - Typhoon region (1000x1000 km) : 2.5 min
  - => improve current products and create new products
    - AMV, CSR, SST, Now Casting,,,
    - Volcanic ash detection & height, and Instability Index

- Current operation
  - **PR** on TRMM : New and improved L2/L3 products (version 7) were released
  - **GOSAT** : FTS for GHG
  - **AMSR-E** on Aqua : Halted since 4 Oct. 2011. The recovery plans are underway
  - **ALOS** : Operation completed after a power generation anomaly on 12 May 2011
- Plans
  - **GCOM-W/AMSR2** : Launch in **early 2012 JFY**
    - L1 data will be distributed to internal (public) users **3 (8) month** after launch
  - **DPR** on GPM core (2014) : Dual-frequency Precipitation Radar (KuPR + KaPR)
    - Shipped to NASA/GSFC on 15th March 2012.
  - **CPR** on EarthCARE (2015) : Cloud profiling radar
  - **GCOM-C/SGLI** (2015?): High-res. multi-ch. optical imager
- Under discussion
  - GOSAT2
  - GCOM-W2/AMSR3
  - ALOS2
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