

**AOMSUC-12**

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## Country Report of Joint RA II - RA V Coordination Meeting



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# Present status of Satellite data and products in BMD

BMD has three Geostationary Satellite ground receiving system

1. Himawari-8 Satellite (JMA)
2. FY-4A (CMA)
3. GEO-KOMPSAT (KMA)-experimental

## Current NWP products in BMD

- ❑ WRF4.4.1 model (operational).
- ❑ Wave model (MRI-operational).
- ❑ Storm surge model (MRI is operational and ADCIRC is experimental).
- ❑ DIANA visualization & analysis software of Norway Met is using to visualize and analyze ECMWF, WRF & GFS model output.

## Data Requirements of BMD

- ❖ **Polar Orbit Satellite ground receiving system (very essential) to fulfill the need of Micro Wave (MW) data.**
- ❖ **INSAT-3D (ISRO, IMD) both of imager and sounder data.**
- ❖ **Satellite radiance data for data assimilation in NWP model.**
- ❖ **Remote Sensing Satellite data for Agro-Meteorological use.**

# Data Utilization of BMD

- **Capacity building in satellite data and product utilization including MW data analysis.**
- **Capacity building in NWP model with data assimilation.**
- **Capacity building for Agro-Meteorological Crop yield forecasting, damage assessment NDVI, inundation Map etc.**

## **General Issues of BMD**

- **Need to increase storage of satellite received data.**
- **Need continuous technical support.**



**Thanks for listening**