

## On the Operation of Space Weather in CMA

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This presentation discusses the space weather operation in CMA in associated with the space weather observation, forecast and services, focusing on the observation facilities of the space weather. The talk first introduces the current status of space weather activities in CMA that focuses on establishing the abilities in space weather forecast and services. The observing facilities of space weather in CMA are then discussed including the spaced-based payloads onboard FY meteorological satellites, the ground-based instruments for monitoring the near earth space environment, and the ionospheric network. This talk also briefly points to the achievement of the Meteorological Monitoring and Forecasting Project in CMA to monitor the space weather disasters for research and operation. The current status of space weather activities in WMO will be finally discussed in associated with defining the basic observing requirements and the gap analysis for space weather with the goal of integrating the space weather observation into the WMO Information System.