

**RECENT PROGRESS OF NUMERICAL WEATHER PREDICTION AT
CENTRAL WEATHER BUREAU**

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ABSTRACT

The second phase of CWB's NWP-project will be completed by the end of 1994. The new NWP system developed under this project is currently semi-operational operated on the CRAY-YMP following an operational check-out schedule. This presentation is a status report on the configuration and performance of the new NWP system. There will be brief descriptions of the characteristics of each component in the new system, including the collection of data through Unified Message Switch (UMS) unit, the Automatic Meteorological Data Processing (AMDP) system, the objective analysis scheme and data assimilation procedures, the forecast models and the products lists. The availability of meteorological data and a preliminary statistic of data quality over the south-east Asia monsoon region will be reviewed.