

**JMA/WMO Training Workshop on
Calibration and maintenance of Meteorological instruments in RA II (ASIA)**

Country Report

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Summary

The National Hydro-Meteorological Service of Vietnam currently operates 176 manned surface observatories, 13 Radiation stations and 27 Agro- meteorological observatories. 25 stations belong to Global Observing System. In addition, the Service operates 6 Pilot Balloon observatories, 6 Radar stations.

Surface observatories are taken from surface station following the WMO criteria. These data used for weather forecasting are also archived and processed for climatological values.

Instruments used in measurement are mercury barometer, digital barometer, maximum and minimum thermometers, temperature recorder, humidity recorder, anemometer, sunshine recorder and rain-gauge.

Maintenance & calibration of instruments with the conformity of standards of practice, providing of calibrated instruments to observation centers, and routine inspections of all instruments at meteorological stations, agro meteorological stations and rainfall stations are conducted.

Thermometers are compared with a standard thermometer and calibration instrument VT4011 (Germany). Humidity is compared with a standard Humidity and DJM10A (China). Barometers are compared with a standard Barometer and Pressure chamber. Anemometers are compared with Wind tunnel 406B (USA).

National meteorological standards on equipment calibration with Vietnam metrology institute and taking a part in inter checking program on equipment calibration with the Peoples Republic of China are carried out .