

Mauritius Meteorological Services

Status Report on Current and Expected Role of the Mauritius Meteorological Services, its National Capabilities and Required Upgrades Relevant to Early Warning Information Exchange, including Tsunami Warnings in the Indian Ocean

Mauritius is situated in the South-West Indian Ocean near 20.0 degrees south 57.5 degrees east (20.0 S 57.5 E). It is free of volcanic and seismic activities.

The Mauritius Meteorological Services (MMS) provides a 24 hour-7 days/week watch and services since a very long time.

It is a member of the RA 1 Tropical Cyclone Committee (TCC) for the South-West Indian Ocean. It is a Sub-Regional Tropical Cyclone Advisory Centre within the RA 1 TCC.

It has a very effective warning system for severe weather events, especially for Tropical Cyclones.

It has observing stations in Mauritius, Agalega (10.5 S 55.5 E), St. Brandon (16.5 S 59.5 E) and Rodrigues (19.5 S 63.5 E).

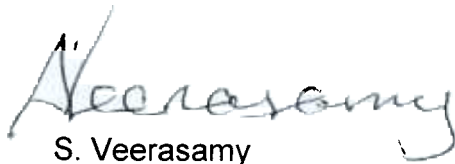
It has a sea-level gauge and tide gauge in Mauritius and another tide gauge in Rodrigues.

The MMS has a good communication system capable of receiving and sending information relevant to early warning of severe weather events, in particular tropical cyclones.

The MMS is equipped to receive MESSIR, RETIM-Afrique, MSG and email. It can link to the Internet.

The MMS is ready to play an important role in the setting up of a Tsunami Early Warning System (TEWS) for the Indian Ocean.

There is a need to upgrade the existing facilities, but, obviously, this will depend on the type of TEWS that will be set up in the Indian Ocean.



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