



INTERNATIONAL CIVIL AVIATION ORGANISATION
AFI PLANNING AND IMPLEMENTATION REGIONAL GROUP (APIRG)
METEOROLOGY SUB-GROUP ELEVENTH MEETING (MET/SG/11)
(Nairobi, Kenya, 8-10 July 2013)

Agenda Item 3: Provision of tropical cyclone and volcanic ash advisories for the AFI Region and of the corresponding SIGMET by MWOs and Review of report on SIGMET Tests Conducted in November 2012

TCAC de La Réunion Annual Report

(presented by France)

1. In the framework of the World Area Forecast System (WAFS) implemented by ICAO, France provides by regional air navigation agreement, the responsibility of "tropical cyclones Advisory Centre (TCAC). The centre is located at the Interregional Directorate of Météo-France in Reunion. Its area of responsibility extends from the equator to the 40th South, between East 30th and East 90th.
2. TCAC Reunion works in cooperation with the ICAO Regional Offices in Africa, as well as the Tropical Cyclone Committee for the WMO (World Meteorological Organization) for the Southwest Indian Ocean (CR1) and strives to ensure production and distribution of its advice in accordance with standards and guidelines specified in Appendix 3 of ICAO.
3. Thus during the last hurricane season in the Southern Hemisphere 2012-2013, the TCAC of Reunion issued 160 advisory opinions, both in text form and in graphical form. Since December 2011, the TCAC of the Meeting, in fact, was the first center to produce and disseminate advisory opinions of cyclones in graphical form.
4. TCAC Reunion continually strives to improve the quality of its cyclone forecasts. A new stage has been reached in the last hurricane season 2012-2013, with a very significant reduction in forecast error of cyclone trajectories, which have thus reached a historically low level at all maturities. For the first time, the average forecast error of trajectories due to 24h and is down below 100 km (and even well below, with only 82 km average error).

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