AWIO20 FMEE 131220
TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

BULLETIN FOR CYCLONIC ACTIVITY AND SIGNIFICANT TROPICAL WEATHER
IN THE SOUTHWEST INDIAN OCEAN

DATE: 13/12/2025 AT 1200 UTC

PART 1: WARNING SUMMARY

Nil.

PART 2 : TROPICAL WEATHER DISCUSSION

The basin is in a Near Equatorial Talweg (NET) configuration east of 60E. Convective activity is moderate to strong east of 75E on the northern side of the NET and on the eastern edge of the basin on the fringes of Tropical Storm Bakung, located in the Australian area of responsibility.

The NET branch is actually becoming more convergent and moist due to more favorable wave activity mostly due to a strengthening of equatorial westerlies associated with a powerful Kelvin wave.

Entry of a tropical low-pressure system from the Indonesian region:
The tropical storm BAKUNG monitored by the BMKG was located near 9.1 degrees South, 94.3 degrees East saturday at 06 UTC.
In the short term, deterministic and ensemble models agree on a west-southwestward movement linked to a ridge west of Australia in an environment favorable to the development of the system with little shear at altitude..The storm is expected to slow down from Sunday and even turn back on Monday., in connection with the rise of the upper-level trough from the southwest. Environmental conditions are also expected to deteriorate with a gradual increase in northwest shear ahead of the trough.

There is a low risk of the storm entering our area of responsibility from Sunday, December 14th.

NOTA BENE: The likelihood is an estimate of the chance of genesis of a moderate tropical storm over the basin within the next five days:

Very low: less than 10% *Moderate: 30% to 60%* *Very high: over 90%*
Low: 10% to 30% *High: 60% to 90%*

The Southwestern Indian ocean basin extends from the Equator to 40S and from the african coastlines to 90E.