

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

DATE: 19/07/2025 AT 1200 UTC

PART 1: WARNING SUMMARY

Nil.

PART 2 : TROPICAL WEATHER DISCUSSION

The Near Equatorial Trough (NET) pattern that has been present over the eastern part of the basin for the past few days is beginning to fade. A short poorly-defined branch remains between 73 and 83E.

Convective activity is concentrated mainly in the equatorial westerlies' axis north-east of the NET, but also along the southern edge of system 01-20252026, which has weakened since yesterday, downgraded to remnant low stage, and isn't monitored anymore by RSMC La Reunion.

This NET pattern is expected to vanish from Sunday onwards as a highly unfavorable large-scale wave background sets in for this end of July (incoming dry phase of the MJO overlapping with the anticyclonic gyre of an equatorial Rossby wave), thus enabling a more classic winter basin pattern to settle back in.

Remnant Low 01-20252026

Final warnings on this system were issued on Friday July 18th at 12UTC (WTIO20 and WTIO30 008/01)

Over the past 24 hours, convection has continued to weaken near the low's center, leaving the low-level vortex completely exposed this Saturday. Some flaring convective bursts still persist far from the center in convergences at the southern edge of the circulation. At 12UTC, the center's estimated position is near 13.6S / 81.3E, with an overall south-westward motion at 7kt. Maximum winds are estimated between 25 and 30kt, mainly in the southern semicircle and especially the south-west quadrant, due to pressure gradient effect. Central pressure is estimated at 1005 hPa.

Environmental conditions are now durably unfavorable (high north-westerly wind shear, dry air, lack of convergence to the north of the system, low ocean heat content), preventing any re-intensification. Numerical models are in good agreement in forecasting its definitive dissipation between Sunday and Monday.

Apart from system 01, there are no other suspect areas, and the increasingly unfavorable basin configuration, back to a classic winter pattern, reduces the risk of cyclogenesis to zero for this end of July.

Development of a tropical storm is not expected over the next 5 days.

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.