

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

DATE: 04/02/2026 AT 1200 UTC

PART 1: WARNING SUMMARY

Bulletins WTIO22 025/09 and WTIO30 026/09 issued at 06 UTC on Remnant Low FYTIA. Final bulletins issued on this system.

Nil, but system 10-20252026 will be monitored by RSMC La Reunion from 12 UTC.

PART 2 : TROPICAL WEATHER DISCUSSION

The basin displays a Monsoon Trough (MT) pattern east of 60°E and around 10-11°S.

Convection is moderate to strong along this MT, especially in the vicinity of two suspect areas :

- A fairly well-defined circulation associated with persistent convection is developing on the western edge of the MT, off the northeast of the Mascarene archipelago. It has been showing signs of organization since last night and has the potential to develop into a tropical storm in the coming days. This is system number 10-20252026, for which monitoring by RSMC La Reunion has started this Wednesday, February 4th at 12UTC.
- Another weak circulation is present over the far east of the basin, between 85 and 90°E.

Moreover, system FYTIA is in its final weakening phase off the south of the Mascarenes and no longer has any deep convection near its center. Final warnings on this system were issued this Wednesday at 06UTC.

Over the next five days, an equatorial Rossby wave will approach from the east and cross a Kelvin wave near the Chagos Islands around February 9th. This overlapping of waves could create favorable conditions for cyclogenesis, for example by enhancing low-level convergence and convection.

Remnant Low FYTIA :

Information at 09 UTC :

Estimated position : 23.5 S / 55.0 E

Movement : ESE, 3 kt

Maximum wind speed (averaged over 10 minutes) : 25 kt

Estimated central pressure : 1001 hPa

For further information, please refer to bulletins WTIO22 and WTIO30 issued at 06 UTC, final warnings on this system issued by RSMC La Reunion (monitoring of FYTIA has now ended).

Zone of Disturbed Weather 10-20252026 :

Information at 12 UTC :

Estimated position : 11.6 S / 63.6 E

Movement : SW, 7 kt

Maximum wind speed (averaged over 10 minutes) : 25 kt

Estimated central pressure : 1007 hPa

For further information, please refer to bulletins WTIO20 and WTIO30 issued at 12 UTC, first warnings on this system issued by RSMC La Reunion.

Over the eastern part of the basin :

A low-pressure area associated with deep convection is present near 10.5S / 87.5E. This Wednesday morning's 0249Z ASCAT-B pass showed a structure that was still very elongated in a strong convergence between the monsoon flow and the trade winds. Moderate to high easterly vertical wind shear in this area is expected to limit the potential for cyclogenesis in the short term, but conditions could improve at the end of the week with decreasing shear and more efficient convergence. Deterministic and ensemble models suggest that this low could gradually develop while moving westward at the end of the weekend. The probability of tropical storm formation increases significantly at the beginning of next week as the system moves off the south of the Chagos archipelago.

The risk of tropical storm development over the east of the basin, south-east then south of the Chagos archipelago, becomes very low from Sunday 8th then low from Monday February 9th.

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.