

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

DATE: 09/02/2026 AT 1200 UTC

PART 1: WARNING SUMMARY

Bulletins WTIO22 012/10 and WTIO30 018/10 issued at 06 UTC on Moderate Tropical Storm GEZANI. Next bulletins issued at 12 UTC.

PART 2 : TROPICAL WEATHER DISCUSSION

The basin has a Monsoon Trough (MT) configuration split into two branches, the first east of 70°E along 10°S and the second in the Mozambique Channel around 16°S. Convective activity is weak in the TM branch located in the channel, moderate in the branch east of 70E, and strong in the vicinity of the GEZANI system, which is currently moving towards the east coast of Madagascar and intensifying.

Wave activity is currently dominated by an active phase of the MJO over the center of the basin, slowly shifting eastward and promoting convective activity within the TM over the center and eastern part of the basin. The intersection of a Kelvin wave and an equatorial Rossby wave is also contributing to the strengthening of the monsoon flow over the far east of the basin and could promote cyclogenesis in this area, even though conditions are expected to gradually become less favorable as the Kelvin wave shifts eastward. Finally, the Rosby wave could also improve convergence within the TM over the center of the basin by the end of the week.

Moderate Tropical Storm GEZANI:

Information at 09 UTC :

Estimated position : 17.9 S / 54.5 E

Movement : W, 6 kt

Maximum wind speed (averaged over 10 minutes) : 45 kt

Estimated central pressure : 997 hPa

For further information, please refer to bulletins WTIO22 and WTIO30 issued at 06 UTC and following.

Over the far eastern part of the basin :

Convective activity remained moderate today near a surface trough around 09S/80E. The latest data show a very elongated surface circulation with maximum winds of around 20 to 25 kt in the monsoon flow.

Convergence on either side of this area of disturbed weather should gradually improve over the next few days, but deep easterly wind shear should significantly limit its potential for development. Deterministic models and AI remain unresponsive, and only a few ensemble members suggest a moderate tropical storm developing in our area by Thursday.

The risk of tropical storm development in the far east of the basin will be very low on Thursday February 12th.

Over the central part of the basin:

A second area of disturbed weather could develop southwest of Diego Garcia by the end of the week under the influence of a surge in monsoon flow favored by the passage of an equatorial Rossby wave. This area should benefit from good convergence on the polar side but could be limited by moderate shear from the north. At present, few members of the ensemble and AI models are predicting that this suspicious area will develop into a tropical storm by the end of the week.

The risk of tropical storm development in the far central part of the basin will be very low on Friday February 13th.

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.