

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

DATE: 09/01/2026 AT 1200 UTC

PART 1: WARNING SUMMARY

Nil.

PART 2 : TROPICAL WEATHER DISCUSSION

The basin has a Monsoon Trough (MT) configuration east of 50E between 08 and 12S. Convective activity is moderate north of this MT, but locally strong near the invest area southeast of the Chagos archipelago and near the southern coast of Mozambique.

The wave pattern is favorable for cyclogenesis over the next few days, influenced by a west wind anomaly behind the MJO shifting to the east of the basin, combined with an equatorial Rossby wave over the center of the basin.

Invest area South-east of the Chagos archipelago :

Over the past 12 hours, convection has remained moderate to strong within the invest area southeast of the Chagos archipelago. Today's ASCAT pass at 0325Z allowed us to position a center near 12.0S/76.2E on the southeastern edge of an elongated surface circulation with maximum winds reaching 20 to 25kt. Environmental conditions are favorable for a gradual strengthening of this low area (low vertical shear, good polar-side altitude divergence, and good surface convergence), and most deterministic, ensemble, and artificial intelligence models suggest it will develop into a tropical storm over the next 24 to 48 hours.

The likelihood of the formation of a moderate tropical storm becomes moderate saturday january 10th, then important sunday january 11th southeast of the Chagos archipelago

Low pressure system over land in southern Mozambique :

Convection is locally strong near the Mozambican coast on the eastern edge of a low-pressure system over land. This system is expected to move slowly southward while remaining over land and could return to sea in the middle of next week. Although the potential for development is very low over the next five days, this system could generate very heavy rainfall in southern Mozambique and border areas.

The likelihood of the formation of a moderate tropical storm becomes very low tuesday january 14th southeast of Mozambique.

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.