

AWIO20 FMEE 131052

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 13/01/2026 AT 1200 UTC

PART 1: WARNING SUMMARY

Bulletins WTIO20 012/06 and WTIO30 013/06 issued at 06 UTC on Tropical Cyclone DUDZAI. Next bulletins issued at 12 UTC.

PART 2 : TROPICAL WEATHER DISCUSSION

The basin has a Monsoon Trough (MT) pattern, partly unclear, east of 50E, because of a poorly established trans-equatorial flow in places and the presence of Cyclone DUDZAI. The most significant convective activity is occurring around DUDZAI, but also in the area of slowdown in the monsoon flow over the northern part of the MT.

The wave conditions remain favorable in the short term for maintaining this MT. However, with the MJO migrating toward the maritime continent and the Equatorial Rossby wave weakening over the center of the basin, the conditions favorable to the MT will fade during the week.

Tropical Cyclone DUDZAI :

Information at 09 UTC :

Estimated position : 17.4S / 77.9E

Movement : OSO, 03 kt

Maximum wind speed (averaged over 10 minutes) : 80 kt

Estimated central pressure : 966 hPa

For further information, please refer to bulletins WTIO20 and WTIO30 issued at 06 UTC and following.

Apart from the system(s) for which warnings are issued, development of a moderate tropical storm is not expected for the next 5 days.

10-day outlook :

At the beginning and middle of next week, the passage of a upper-level trough south of Africa could initially trigger a baroclinic cyclogenesis over Southern Mozambique Channel. A significant number of members from the European ensemble and a few from the American ensemble appear to be initiating a tropicalization process next week.

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.