

AWIO20 FMEE 280940

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2023/02/28 AT 1200 UTC

PART 1:

WARNING SUMMARY:

Warnings WTIO30 FMEE n°027/08 and WTIO22 FMEE n°026/08 issued at 00UTC on Remnant Low ENALA.

Last warning issued at 00UTC.

PART 2 :

TROPICAL WEATHER DISCUSSION:

The Monsoon Trough (MT) is present east of 60E, oscillating between 06S and 09S. The convective activity over the basin is quite limited and is located mainly over the African continent. It is also moderate on the Mozambican coasts in the southeast quadrant of the remnant of the FREDDY overland Depression, as well as in the southeast quadrant of the ENALA Remnant Low.

Remnant Low ENALA :

Information at 09UTC

Location : 27.2S / 68.2E

Movement : N at 5 kt

Max wind over 10min : 30 kt

Central pressure : 1001 hPa

For more information, please refer to last warnings WTIO30 and WTIO20 issued at 00UTC..

In the Mozambique Channel:

While the FREDDY's remnant vortex has evolved into a localized elongated circulation toward southeastern Zimbabwe, some models propose the return of this circulation toward the Mozambican coast by midweek. Thus the remains of FREDDY (or even a new peripheral minimum) could find a rather favorable context at the end of the week over the waters of the Mozambique Channel (low shear, good polar and equatorial divergence, humid environment). If most of the models suggest a deepening tropical depression, the dispersion between models remains present concerning the timing of the exit at sea as well as the potential of intensification later.

The risk of development of a moderate tropical storm in the Mozambique Channel remains low by Friday and moderate from Saturday.

NOTA BENE: The likelihood is an estimate of the chance of the genesis of a moderate tropical storm over the basin and 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.