

AWIO20 FMEE 250933

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2020/01/25 AT 1200 UTC

PART 1:

WARNING SUMMARY:

Warnings WTIO24 and WTIO30 FMEE nr 011/6 issued at 06UTC on Moderate Tropical Storm
DIANE. Next warnings at 12UTC.

Warnings WTIO24 and WTIO30 FMEE nr 005/7 issued at 06UTC on Moderate Tropical Storm
ESAMI. Next warnings at 12UTC.

PART 2 :

TROPICAL WEATHER DISCUSSION:

The trans-equatorial flow is converging with a tradewind around 3°S, defining a convective activity close to the equator to the east of 60°E. Elsewhere, convective activity in the basin is concentrated around the two tropical systems DIANE and ESAMI, but also north of the Mozambique Channel within a low-level convergence centred around 10°S which extends over the African continent, at the level of Tanzania. The basin is gradually evolving into a monsoon trough over the next few days.

Moderate Tropical Storm DIANE:

Position at 0900UTC: 21.3S / 60.9E

Max 10 min winds : 40kt

MSLP: 991 hPa

Forward motion: East-South-Eastwards at 17 kt

Moderate Tropical Storm ESAMI:

Position at 0900UTC: 24.1S / 73.1E

Max 10 min winds : 40 kt

MSLP: 994 hPa

Forward motion: East-South-Eastwards at 10 kt

There is no risk of formation of another moderate tropical storm over the basin for the next 5 days

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.