WTIO30 FMEE 230713
RSMC / TROPICAL CYCLONE CENTER / LA REUNION
TROPICAL CYCLONE FORECAST WARNING (SOUTH-WEST INDIAN OCEAN)

0.A WARNING NUMBER: 7/1/20212022
1.A TROPICAL DISTURBANCE 1

2.A POSITION 2022/01/23 AT 0600 UTC:
WITHIN 20 NM RADIUS OF POINT 15.6 S / 45.1 E
(FIFTEEN DECIMAL SIX DEGREES SOUTH AND
FORTY FIVE DECIMAL ONE DEGREES EAST)
MOVEMENT: NORTH-WEST 10 KT

3.A DVORAK ANALYSIS: NIL
4.A CENTRAL PRESSURE: 1002 HPA
5.A MAX AVERAGE WIND SPEED (10 MN): 25 KT
RADIUS OF MAXIMUM WINDS (RMW): NIL

6.A EXTENSION OF WIND BY QUADRANTS (KM):
NIL

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1007 HPA / 900 KM
8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION: MEDIUM

1.B FORECASTS (WINDS RADII IN KM):
12H: 2022/01/23 18 UTC: 15.3 S / 43.6 E, VENT MAX= 030 KT, TROPICAL DEPRESSION
28 KT NE: 0 SE: 110 SW: 0 NW: 0

24H: 2022/01/24 06 UTC: 15.7 S / 41.3 E, VENT MAX= 035 KT, MODERATE TROPICAL
STORM
28 KT NE: 0 SE: 110 SW: 0 NW: 0
34 KT NE: 0 SE: 75 SW: 0 NW: 0

36H: 2022/01/24 18 UTC: 15.7 S / 38.4 E, VENT MAX= 030 KT, OVERLAND DEPRESSION
48H: 2022/01/25 06 UTC: 16.1 S / 36.3 E, VENT MAX= 025 KT, OVERLAND DEPRESSION
60H: 2022/01/25 18 UTC: 16.2 S / 34.4 E, VENT MAX= 020 KT, OVERLAND DEPRESSION
72H: 2022/01/26 06 UTC: 16.4 S / 33.2 E, VENT MAX= 020 KT, OVERLAND DEPRESSION

2.B LONGER-RANGE OUTLOOK:
96H: 2022/01/27 06 UTC: 16.8 S / 30.2 E, VENT MAX= 015 KT, FILLING UP
120H: 2022/01/28 06 UTC: 16.8 S / 26.6 E, VENT MAX= 015 KT, REMNANT LOW

2.C ADDITIONAL INFORMATION:


EXPECTED CONSEQUENCES ON THE INHABITED LANDS:
- MADAGASCAR: THE HEAVY RAINS ALREADY PRESENT WILL CONTINUE TODAY AND MONDAY WITH SOMETIMES VERY HEAVY ACCUMULATIONS OVER THE NORTHWEST, NORTH AND EASTERN PLATEAUS. STRONG GUSTS ARE LIKELY OVER THE WEST BETWEEN ANTSIRANANA AND CAPE SAINT-ANDRE TODAY.
- MOZAMBIQUE (AND NEIGHBORING COUNTRIES INLAND): COASTAL GUSTS OF MORE THAN 100 KM/H POSSIBLE TODAY AND ESPECIALLY ON MONDAY WHEN THE SYSTEM LANDS BETWEEN ANGOCHE AND MOZAMBIQUE ISLAND. HEAVY RAINFALL NORTH OF QUELIMANE AT FIRST THEN FURTHER INLAND TO SOUTH OF MALAWI.
OVERFLOWING TO CENTRAL MOZAMBIQUE.
- CENTRAL AND NORTHERN CHANNEL (JUAN DE NOVA, COMOROS ARCHIPELAGO) : POTENTIALLY SIGNIFICANT RAINY AND WINDY DEGRADATION FROM TODAY ONWARDS AT THE EDGE OF THE SYSTEM WITH THE SYSTEM EXITING INTO THE CHANNEL. GUSTS COULD APPROACH 100 KM/H OR EVEN 110 KM/H ON JUAN DE NOVA AND 70/80 KM/H ON MAYOTTE.