WTIO30 FMEE 251209
RSMC / TROPICAL CYCLONE CENTER / LA REUNION
TROPICAL CYCLONE FORECAST WARNING (SOUTH-WEST INDIAN OCEAN)

0. A WARNING NUMBER: 16/1/20212022
1. A OVERLAND DEPRESSION 1 (ANA)

2. A POSITION 2022/01/25 AT 1200 UTC:
WITHIN 20 NM RADIUS OF POINT 16.4 S / 32.9 E
(SIXTEEN DECIMAL FOUR DEGREES SOUTH AND
THIRTY TWO DECIMAL NINE DEGREES EAST)
MOVEMENT: WEST-NORTH-WEST 15 KT

3. A Dvorak Analysis: NIL
4. A Central Pressure: 995 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 / 1000 KM
8. A Vertical Extension of Cyclone Circulation: MEDIUM

1. B Forecasts (Winds Radii in KM):
12H: 2022/01/26 00 UTC: 16.3 S / 30.2 E, VENT MAX= 025 KT, OVERLAND DEPRESSION
24H: 2022/01/26 12 UTC: 16.9 S / 28.1 E, VENT MAX= 025 KT, OVERLAND DEPRESSION
36H: 2022/01/27 00 UTC: 17.5 S / 27.0 E, VENT MAX= 020 KT, OVERLAND DEPRESSION
48H: 2022/01/27 12 UTC: 17.7 S / 26.1 E, VENT MAX= 015 KT, OVERLAND DEPRESSION
60H: 2022/01/28 00 UTC: 17.5 S / 25.2 E, VENT MAX= 015 KT, OVERLAND DEPRESSION

2. B Longer-Range Outlook:
   NIL

2. C Additional Information:
   THE LOCATION OF THE CENTER IS DELICATE WITH BOTH VISIBLE AND MICROWAVE
   IMAGES. DURING THE LAST SIX HOURS, THE CONVECTIVE ACTIVITY HAS
   WEAKENED BUT STILL PRESENTS A POTENTIAL OF PRECIPITATIONS ON A LARGE
   AREA. THE WIND CONTINUES TO WEAKEN BUT THE PRECIPITATION REMAINS
   PRESENT.
IN TERMS OF FORECASTING, LITTLE CHANGE IN DIRECTION BUT A SLIGHTLY FASTER TRACK THAN PREVIOUSLY PREDICTED FOR THE SHORT TERM. THE SYSTEM WILL CONTINUE A FAST MOTION WESTWARD ON THE NORTH TO NORTHWEST FACADE OF THE LOW TO MID LEVELS HIGH GEOPOTENTIALS. ON THIS TRACK THE SYSTEM WILL RAPIDLY REACH NORTHERN ZIMBABWE DURING THE DAY. FROM THURSDAY, WHILE A BAROMETRIC COL IS BUILDING IN THE SOUTH, THE RESIDUAL DEPRESSION OF THIS SYSTEM WILL SLOW DOWN NEAR SOUTH ZAMBIA. THE LOW LEVEL CIRCULATION WILL SLOWLY DISAPPEAR OVER THE WEEK-END ON THE SOUTHERN PARTS OF ZAMBIA.

EXPECTED CONSEQUENCES ON INHABITED LANDS:

- WINDS: WINDS ARE WEAKENING BUT GUSTS APPROACHING 80KM/H ON THE COAST ARE STILL POSSIBLE IN THE EVENING.


THIS WARNING IS THE LAST ABOUT THIS SYSTEM.