

WTIO30 FMEE 270012

RSMC / TROPICAL CYCLONE CENTER / LA REUNION

TROPICAL CYCLONE FORECAST WARNING (SOUTH-WEST INDIAN OCEAN)

0.A WARNING NUMBER: 20/12/20212022

1.A OVERLAND DEPRESSION 12 (JASMINE)

2.A POSITION 2022/04/27 AT 0000 UTC:

WITHIN 20 NM RADIUS OF POINT 23.8 S / 46.1 E

(TWENTY THREE DECIMAL EIGHT DEGREES SOUTH AND
FORTY SIX DECIMAL ONE DEGREES EAST)

MOVEMENT: EAST 13 KT

3.A DVORAK ANALYSIS: NIL

4.A CENTRAL PRESSURE: 1005 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): 1010 HPA / 300 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION: MEDIUM

1.B FORECASTS (WINDS RADII IN KM):

12H: 2022/04/27 12 UTC: 23.3 S / 49.0 E, VENT MAX= 030 KT, REMNANT LOW

28 KT NE: 0 SE: 0 SW: 120 NW: 120

24H: 2022/04/28 00 UTC: 21.7 S / 51.5 E, VENT MAX= 030 KT, REMNANT LOW

28 KT NE: 0 SE: 0 SW: 95 NW: 95

36H: 2022/04/28 12 UTC: 20.3 S / 52.8 E, VENT MAX= 025 KT, DISSIPATING

2.B LONGER-RANGE OUTLOOK:

NIL

2.C ADDITIONAL INFORMATION:

T=CI=NIL

DURING THE LAST 6 HOURS, THE CONVECTIVE ACTIVITY ASSOCIATED WITH THE DEPRESSION ON LAND JASMINE WEAKENED WELL. THE DISPLACEMENT HAS ACCELERATED LEAVING STILL WINDS OF ABOUT 25KT AND PRECIPITATIONS CONCERNED THE SOUTHERN PART OF MADAGASCAR.

NO CHANGE IN TERMS OF TRACK, THE REMNANTS OF JASMINE CONTINUE ITS EASTWARD TRACK UNDER THE INFLUENCE OF THE RIDGE TO THE NORTHWEST AND THE WESTERLY FLOW ON THE EDGE OF THE MID-LATITUDE TROUGH. ONCE OUT TO SEA, DURING THE DAY ON WEDNESDAY, THE REMNANTS OF JASMINE SHOULD BE PICKED UP AGAIN IN THE SOUTH-WESTERLY FLOW OF THE LOWER TROPOSPHERE IN CONNECTION WITH THE COLD FRONT CIRCULATING FURTHER SOUTH. ON THIS TRACK, THE REMNANTS OF JASMINE ARE MOVING TOWARDS THE MASCARENE ISLANDS WHILE DISSIPATING.

IN TERMS OF INTENSITY, THE SYSTEM CONTINUES TO WEAKEN OVER LAND. THE RESIDUAL LOW MAY EMERGE ON WEDNESDAY OFF THE SOUTHEAST COAST OF MADAGASCAR BUT SHOULD QUICKLY BE ABSORBED BY A COLD FRONT IN A HOSTILE ENVIRONMENT, LEAVING WINDS POTENTIALLY IN THE ORDER OF 30KT IN THE SOUTHERN AND WESTERN PART IN CONNECTION WITH THE MOVEMENT OF THE COLD FRONT.

IMPACTS ON INHABITED LANDS:

AS IT PASSES THROUGH MADAGASCAR, THE REMNANTS OF JASMINE WILL BRING MORE RAINFALL TO THE SOUTHERN PART OF MADAGASCAR. THE POPULATIONS OF THIS AREA ARE INVITED TO FOLLOW THE FORECASTS MADE BY THE MALAGASY METEOROLOGICAL SERVICES.

THIS IS THE LAST BULLETIN ON THIS SYSTEM EXCEPT FOR RE-INTENSIFICATION.