

WTIO30 FMEE 270705

RSMC / TROPICAL CYCLONE CENTER / LA REUNION

TROPICAL CYCLONE FORECAST WARNING (SOUTH-WEST INDIAN OCEAN)

0.A WARNING NUMBER: 20/3/20232024

1.A POST-TROPICAL DEPRESSION 3 (CANDICE)

2.A POSITION 2024/01/27 AT 0600 UTC:

WITHIN 30 NM RADIUS OF POINT 28.6 S / 60.6 E

(TWENTY EIGHT DECIMAL SIX DEGREES SOUTH AND
SIXTY DECIMAL SIX DEGREES EAST)

MOVEMENT: SOUTH-SOUTH-WEST 12 KT

3.A DVORAK ANALYSIS: NIL

4.A CENTRAL PRESSURE: 996 HPA

5.A MAX AVERAGE WIND SPEED (10 MN): 40 KT

RADIUS OF MAXIMUM WINDS (RMW): NIL

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

28 KT NE: 280 SE: 815 SW: 705 NW: 335

34 KT NE: 130 SE: 500 SW: 370 NW: 220

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1009 HPA / 700 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION: SHALLOW

1.B FORECASTS (WINDS RADII IN KM):

12H: 2024/01/27 18 UTC: 30.7 S / 59.4 E, VENT MAX= 030 KT, POST-TROPICAL
DEPRESSION

28 KT NE: 195 SE: 530 SW: 380 NW: 0

24H: 2024/01/28 06 UTC: 32.7 S / 59.1 E, VENT MAX= 025 KT, POST-TROPICAL
DEPRESSION

36H: 2024/01/28 18 UTC: 33.6 S / 60.2 E, VENT MAX= 025 KT, REMNANT LOW

2.B LONGER-RANGE OUTLOOK:

NIL

2.C ADDITIONAL INFORMATION:

CANDICE NO LONGER DISPLAYS DEEP CONVECTIVE ACTIVITY NEAR ITS CENTER.
SATELLITE IMAGES AND MICROWAVE DATA SHOW THAT THE INNER CORE
STRUCTURE IS CLEARLY ELONGATED. THE LATEST MODEL ANALYSES AND LAST
NIGHT'S AMSR2 WIND ESTIMATES STILL SUGGEST THE PRESENCE OF 35-40KT

WINDS, PARTICULARLY IN THE SOUTHERN SEMICIRCLE. AS A RESULT, CANDICE HAS BEEN ANALYZED AS A 40KT POST-TROPICAL DEPRESSION AT 6Z.

CANDICE CONTINUES TO MOVE SOUTH-SOUTHWESTWARD UNDER THE INFLUENCE OF THE RIDGE TO THE SOUTHEAST. THE SYSTEM SHOULD SLOW DOWN BY TOMORROW SUNDAY, BLOCKED BY THE PRESENCE OF THE ANTICYCLONE TO THE SOUTH. IN AN ENVIRONMENT NOW UNFAVORABLE FROM EVERY POINT OF VIEW, CANDICE WILL CONTINUE TO WEAKEN AND SHOULD BLEND INTO A SURFACE TROUGH BY MONDAY.

NO IMPACT ON INHABITED LAND.

LAST BULLETIN UNLESS RE-INTENSIFICATION ISSUED BY RSMC LA REUNION REGARDS THIS SYSTEM. FURTHER INFORMATION ON THIS SYSTEM WILL BE AVAILABLE IN THE DAILY BULLETIN ON TROPICAL WEATHER CONDITIONS OVER THE SOUTHWEST INDIAN OCEAN ISSUED AT 12Z (AWIO20 FMEE).