

WTIO30 FMEE 170627

RSMC / TROPICAL CYCLONE CENTER / LA REUNION

TROPICAL CYCLONE FORECAST WARNING (SOUTH-WEST INDIAN OCEAN)

0.A WARNING NUMBER: 6/1/20242025

1.A ZONE OF DISTURBED WEATHER 1

2.A POSITION 2024/08/17 AT 0600 UTC:

WITHIN 20 NM RADIUS OF POINT 6.7 S / 71.2 E

(SIX DECIMAL SEVEN DEGREES SOUTH AND  
SEVENTY ONE DECIMAL TWO DEGREES EAST)

MOVEMENT: WEST 7 KT

3.A DVORAK ANALYSIS: 1.5/1.5/W 0.5/6 H

4.A CENTRAL PRESSURE: 1002 HPA

5.A MAX AVERAGE WIND SPEED (10 MN): 30 KT

RADIUS OF MAXIMUM WINDS (RMW): NIL

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

28 KT NE: 0 SE: 280 SW: 0 NW: 0

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1008 HPA / 600 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION: DEEP

1.B FORECASTS (WINDS RADII IN KM):

12H: 2024/08/17 18 UTC: 6.9 S / 69.7 E, VENT MAX= 025 KT, FILLING UP

24H: 2024/08/18 06 UTC: 7.1 S / 68.6 E, VENT MAX= 030 KT, ZONE OF DISTURBED  
WEATHER

28 KT NE: 0 SE: 285 SW: 165 NW: 0

36H: 2024/08/18 18 UTC: 7.3 S / 67.7 E, VENT MAX= 025 KT, FILLING UP

48H: 2024/08/19 06 UTC: 7.7 S / 66.9 E, VENT MAX= 025 KT, REMNANT LOW

2.B LONGER-RANGE OUTLOOK:

NIL

2.C ADDITIONAL INFORMATION:

FT=1.5 CI=1.5

OVER THE LAST FEW HOURS, CONVECTIVE ACTIVITY HAS NOT ORGANIZED AND  
THE STRONG WIND SHEAR (25-30KT ANALYZED BY CIMSS AT 00UTC) HAS LET THE

CENTER APPEAR. THE ASSOCIATED CIRCULATION IS GETTING LONGER AND LONGER THIS MORNING. IN ADDITION, THE ASCAT PASS OF 0415 SHOWS AN ELONGATED CIRCULATION WITH WINDS OF 25KT IN THE SOUTHERN QUADRANT, WITH A SMALL PORTION AT 30KT LINKED TO CONVECTION. THE SYSTEM IS THEREFORE MAINTAINED AS A 30KT AREA OF DISTURBED WEATHER.

IN TERMS OF TRACK, THE SYSTEM MAINTAINED ITS WEST-SOUTH-WEST COURSE, STABILIZING ITS SPEED. FLUCTUATIONS IN SPEED ARE TO BE EXPECTED OVER THE NEXT FEW DAYS, AS SHOWN BY THE STRONG EAST-WEST DISPERSION OBSERVED IN THE NUMERICAL GUIDANCE. THE STEERING FLOW OF THE SUBTROPICAL RIDGE SHOULD BE THE MAIN STEERING FLOW, CARRYING THE SYSTEM IN A GENERAL WEST-SOUTH-WESTERLY DIRECTION. IN VIEW OF THE UNCERTAINTY OVER THE SPEED OF MOVEMENT, MODERATE CONFIDENCE IS ASSOCIATED WITH THE TRACK FORECAST.

IN TERMS OF INTENSITY, THE WINDOW OF FAVORABLE CONDITIONS SEEMS TO BE OVER. SHEAR IS EXPECTED TO INCREASE PROGRESSIVELY TODAY, SATURDAY AND ESPECIALLY SUNDAY. ALTHOUGH A TEMPORARY INTENSIFICATION BETWEEN NOW AND SUNDAY CANNOT BE RULED OUT, THE PROBABILITY OF 01 REACHING THE STAGE OF A MODERATE TROPICAL STORM SEEMS VERY LOW. FROM SUNDAY ONWARDS, THE SYSTEM SHOULD PROGRESSIVELY FILL OUT IN AN UNFAVORABLE ENVIRONMENT.

THIS SYSTEM NO LONGER POSES A THREAT TO 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).