

WTIO30 FMEE 060628
RSMC / TROPICAL CYCLONE CENTER / LA REUNION
TROPICAL CYCLONE FORECAST WARNING (SOUTH-WEST INDIAN OCEAN)

0.A WARNING NUMBER: 3/3/20222023

1.A REMNANT LOW 3

2.A POSITION 2022/11/06 AT 0600 UTC:
WITHIN 20 NM RADIUS OF POINT 12.6 S / 84.1 E
(TWELVE DECIMAL SIX DEGREES SOUTH AND
EIGHTY FOUR DECIMAL ONE DEGREES EAST)
MOVEMENT: WEST-SOUTH-WEST 14 KT

3.A DVORAK ANALYSIS: NIL

4.A CENTRAL PRESSURE: 1009 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: 150 SW: 165 NW: 0

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1011 HPA / 200 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION: DEEP

1.B FORECASTS (WINDS RADII IN KM):

12H: 2022/11/06 18 UTC: 12.6 S / 80.8 E, VENT MAX= 025 KT, REMNANT LOW

24H: 2022/11/07 06 UTC: 12.4 S / 77.4 E, VENT MAX= 020 KT, REMNANT LOW

2.B LONGER-RANGE OUTLOOK:
NIL

2.C ADDITIONAL INFORMATION:
T=CI=NIL

DURING THE LAST 6 HOURS, CONVECTION AROUND THE LOW HAS STEADY IN THE SOUTHERN SEMI-CIRCLE, HOWEVER SATELLITE IMAGERY STARTS TO UNVEIL THE LOW LEVEL VORTEX UNDER THE INFLUENCE OF THE WIND SHEAR. FURTHERMORE, THE ASCAT PASS AT 0415UTC SHOWS A VERY LONGER CIRCULATION WITH LIGHT WINDS IN ITS NORTHERN PART AND WINDS OF 30 KNOTS IN THE SOUTHERN SEMI-CIRCLE. IN ADDITION, THE ARRIVAL OF DRIER AIR FROM THE NORTH IS ALSO WELL VISIBLE ON THE SATELLITE IMAGE. WITH DATA, THE TROPICAL LOW IS

DOWNGRADED TO A REMNANT LOW.

THE RESIDUAL VORTEX CONTINUES ITS GLOBALLY WESTWARDS TRACK ON THE NORTHERN EDGE OF THE SUBTROPICAL RIDGE.

THE MID-LEVEL DRY-AIR INVASION FROM THE NORTH AND THE LACK OF CONVERGENCE IN THE NORTHERN PART OF THE SYSTEM WILL GRADUALLY COMPLETELY OPEN THE LOW-LEVEL CIRCULATION LEAVING NO CHANCE OF INTENSIFICATION THEN. THE WEAKENING OF THE CONVECTION AND THE ASYMETRICALIZATION OF THE SYSTEM WILL THEREFORE CONTINUE. MAXIMUM WINDS CAN STILL REACH GALE FORCE IN THE NEXT HOURS IN THE SOUTHERN SEMI-CIRCLE BEFORE WEAKENING SIGNIFICANTLY AT THE END OF THE DAY. THE RESIDUAL MINIMUM SHOULD FILL UP QUICKLY WITHOUT THREAT TO INHABITED LANDS.

THIS IS THE LAST BULLETIN FOR THIS SYSTEM.