

WTIO30 FMEE 250026

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

0.A WARNING NUMBER: 8/8/20172018

1.A POST-TROPICAL DEPRESSION 8 (EX-FAKIR)

2.A POSITION 2018/04/25 AT 0000 UTC:

WITHIN 20 NM RADIUS OF POINT 25.0 S / 59.3 E

(TWENTY FIVE DECIMAL ZERO DEGREES SOUTH AND FIFTY NINE DECIMAL THREE DEGREES EAST)

MOVEMENT : SOUTH-SOUTH-EAST 12 KT

3.A DVORAK ANALYSIS: NIL

4.A CENTRAL PRESSURE: 995 HPA

5.A MAX AVERAGE WIND SPEED (10 MN): 45 KT

RADIUS OF MAXIMUM WINDS (RMW) :46 KM

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

28 KT NE: 190 SE: 240 SW: 240 NW: 190

34 KT NE: 140 SE: 190 SW: 190 NW: 90

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1009 HPA / 500 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION : MEDIUM

1.B FORECASTS:

12H: 2018/04/25 12 UTC: 26.1 S / 60.3 E, MAX WIND=035 KT, POST-TROPICAL DEPRESSION

24H: 2018/04/26 00 UTC: 26.3 S / 61.4 E, MAX WIND=030 KT, FILLING UP

36H: 2018/04/26 12 UTC: 25.7 S / 62.8 E, MAX WIND=025 KT, FILLING UP

48H: 2018/04/27 00 UTC: 24.6 S / 65.2 E, MAX WIND=025 KT, FILLING UP

2.B LONGER-RANGE OUTLOOK :

2.C ADDITIONAL INFORMATION:

ON THE WV IMAGES, STRATOSPHERIC DRY AIR ASSOCIATED TO THE UPPER TROUGH ARRIVING FROM THE WEST IS NOW LOCATED OVER THE MAIN PART OF THE CIRCULATION, WITH AN EXPOSED LOW LEVEL CIRCULATION CENTER. THE NORTH-WESTERLY SHEAR IS STILL INCREASING. THE BAROCLINIC INFLUENCE IS NOW

UNDENIABLE. THE OBSERVATIONS OF SHIP MERFR14 ALLOW FOR A GOOD ESTIMATION OF THE MAX WINDS WITHIN THE SOUTHERN SEMI-CIRCLE.

IN AN INCREASINGLY UNFAVOURABLE ENVIRONMENT AND OVER COOLER SST SOUTH OF 24S, THE SYSTEM SHOULD BEGIN TO LOOSE ITS PURE TROPICAL CHARACTERISTICS IN THE NEXT HOURS. HOWEVER IT IS EXPECTED TO CONTINUE TO WEAKEN AS NO AVAILABLE GUIDANCE SUGGEST AN EXTRATROPICAL DEEPENING.

EX-FAKIR IS THUS EXPECTED TO FILL-UP AS IT WILL DRIFT EASTWARDS AND THEN NORTH-EASTWARDS LATER THIS WEEK SOMEWHERE NEAR THE SOUTHERN BORDER OF THE TROPICAL DOMAIN BEFORE DISAPPEARING. SOME SIGNIFICANT SPREAD STILL EXIST ON THE END OF THIS TRACK FORECAST, THE FINAL NORTHWARD TURN BEING STILL UNCERTAIN.