

WTIO30 FMEE 040713 CCA

*****CORRECTIVE*****

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

0.A WARNING NUMBER: 26/9/20252026

1.A REMNANT LOW 9 (FYTIA)

2.A POSITION 2026/02/04 AT 0600 UTC:

WITHIN 20 NM RADIUS OF POINT 23.4 S / 54.9 E

(TWENTY THREE DECIMAL FOUR DEGREES SOUTH AND
FIFTY FOUR DECIMAL NINE DEGREES EAST)

MOVEMENT: QUASI-STATIONARY 2 KT

3.A DVORAK ANALYSIS: NIL

4.A CENTRAL PRESSURE: 1003 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 / 900 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION: SHALLOW

1.B FORECASTS (WINDS RADII IN KM):

12H: 2026/02/04 18 UTC: 23.9 S / 55.3 E, VENT MAX= 025 KT, REMNANT LOW

24H: 2026/02/05 06 UTC: 25.5 S / 56.1 E, VENT MAX= 025 KT, FILLING UP

2.B LONGER-RANGE OUTLOOK:

NIL

2.C ADDITIONAL INFORMATION:

FYTIA HAS WEAKENED SIGNIFICANTLY OVER THE LAST FEW HOURS. STRONG DEEP WESTERLY WIND SHEAR, COMBINED WITH DRY AIR INTRUSIONS, HAS COMPLETELY BLOWN AWAY ITS CONVECTION, EXPOSING ITS LOW-LEVEL VORTEX, WHICH IS NOW CLEARLY VISIBLE ON STANDARD SATELLITE IMAGES. THE SSMIS F16 IMAGE FROM 0318Z CONFIRMS THE POSITION OF THE CENTRE WITHOUT CONVECTION AND SHOWS A QUASI-STATIONARY MOVEMENT OFF THE SOUTHERN COAST OF THE MASCARENES. THE 0510Z ASCAT SWATH MEASURES AVERAGE MAXIMUM WINDS OF 25 KT, AND THIS IS THE INTENSITY THAT WILL BE USED FOR THIS ANALYSIS TIME.

GIVEN THE SIGNIFICANT DECREASE IN INTENSITY AND THE LOSS OF CONVECTION, FYTIA HAS BEEN DOWNGRADED TO A RESIDUAL DEPRESSION.

IN TERMS OF TRACK, THE SYSTEM, WHICH HAS LOST INTENSITY, IS STUCK IN A FAIRLY SLOW FLOW BETWEEN TWO LOW-LEVEL RIDGES. THE FIRST, CENTRED SOUTH-WEST OF MADAGASCAR, IS IMPOSING A SOUTHERLY FLOW, AND THE SECOND, CENTRED WEST OF AUSTRALIA, IS IMPOSING A NORTHERN FLOW, GIVING THE SYSTEM A QUASI-STATIONARY TRACK FOR THE NEXT FEW HOURS. FROM THURSDAY ONWARDS, THE FIRST RIDGE WILL STRENGTHEN AND THE SECOND WILL WEAKEN AS A TALWEG MOVES IN BETWEEN THE TWO. THE LATTER IS EXPECTED TO DRIVE FYTIA AND CAUSE IT TO RESUME A FASTER SOUTHEAST COURSE BEFORE BEING TAKEN UP AGAIN IN THE BAROCLINE CIRCULATION. UNCERTAINTY REMAINS HIGH WITH DIFFERENT SCENARIOS BETWEEN CERTAIN MODELS, BUT THE CMRS TRACK FOLLOWS APPROXIMATELY THE IFS DETERMINISTIC TRACK, WHICH APPEARS TO BE WELL SUPPORTED BY THE ANALYSIS.

IN TERMS OF INTENSITY, THE SYSTEM CONTINUES TO WEAKEN DUE TO A MARKED DEEP WIND SHEAR AND SUSTAINED DRY AIR INTRUSIONS. OVER THE NEXT 12-36 HOURS, FYTIA IS EXPECTED TO CONTINUE TO EVOLVE INTO A RESIDUAL DEPRESSION WITHOUT SUSTAINED CONVECTION OR STRONG WINDS, DUE TO THE PERSISTENCE OF STRONG WESTERLY SHEAR AND A DRY ENVIRONMENT. THE REMAINS OF FYTIA SHOULD THEN GRADUALLY FILL IN WITHIN A DEPRESSION CORRIDOR AT THE END OF THE WEEK, MERGING WITH THE RAPID CIRCULATION OF THE SOUTHERN LATITUDES.

NO SIGNIFICANT IMPACT IS EXPECTED ON INHABITED LAND OVER THE NEXT 72 HOURS.

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).