

WTIO30 FMEE 010209 CCA

\*\*\*\*\*CORRECTIVE\*\*\*\*\*

RSMC / TROPICAL CYCLONE CENTER / LA REUNION

TROPICAL CYCLONE FORECAST WARNING (SOUTH-WEST INDIAN OCEAN)

0.A WARNING NUMBER: 13/9/20252026

1.A TROPICAL DEPRESSION 9 (FYTIA)

2.A POSITION 2026/02/01 AT 0000 UTC:

WITHIN 20 NM RADIUS OF POINT 18.8 S / 48.5 E

(EIGHTEEN DECIMAL EIGHT DEGREES SOUTH AND

FORTY EIGHT DECIMAL FIVE DEGREES EAST)

MOVEMENT: SOUTH-EAST 14 KT

3.A DVORAK ANALYSIS: NIL

4.A CENTRAL PRESSURE: 1001 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: 165 SE: 185 SW: 0 NW: 0

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): NIL

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION: MEDIUM

1.B FORECASTS (WINDS RADII IN KM):

12H: 2026/02/01 12 UTC: 20.3 S / 50.5 E, VENT MAX= 045 KT, MODERATE TROPICAL  
STORM

28 KT NE: 185 SE: 230 SW: 165 NW: 120

34 KT NE: 110 SE: 130 SW: 100 NW: 0

24H: 2026/02/02 00 UTC: 21.6 S / 52.1 E, VENT MAX= 055 KT, SEVERE TROPICAL STORM

28 KT NE: 185 SE: 230 SW: 165 NW: 120

34 KT NE: 110 SE: 130 SW: 100 NW: 55

48 KT NE: 0 SE: 55 SW: 35 NW: 35

36H: 2026/02/02 12 UTC: 22.7 S / 53.3 E, VENT MAX= 055 KT, SEVERE TROPICAL STORM

28 KT NE: 185 SE: 240 SW: 155 NW: 165

34 KT NE: 110 SE: 130 SW: 130 NW: 75

48 KT NE: 0 SE: 65 SW: 35 NW: 35

48H: 2026/02/03 00 UTC: 23.6 S / 54.3 E, VENT MAX= 055 KT, SEVERE TROPICAL STORM

28 KT NE: 185 SE: 240 SW: 165 NW: 120

34 KT NE: 110 SE: 130 SW: 55 NW: 55

48 KT NE: 0 SE: 55 SW: 35 NW: 35

60H: 2026/02/03 12 UTC: 24.4 S / 55.2 E, VENT MAX= 050 KT, SEVERE TROPICAL STORM

28 KT NE: 185 SE: 240 SW: 165 NW: 120  
34 KT NE: 110 SE: 130 SW: 100 NW: 55  
48 KT NE: 0 SE: 55 SW: 35 NW: 35

72H: 2026/02/04 00 UTC: 25.2 S / 56.1 E, VENT MAX= 045 KT, MODERATE TROPICAL STORM

28 KT NE: 185 SE: 240 SW: 165 NW: 120  
34 KT NE: 110 SE: 130 SW: 100 NW: 0

#### 2.B LONGER-RANGE OUTLOOK:

96H: 2026/02/05 00 UTC: 28.1 S / 59.4 E, VENT MAX= 050 KT, POST-TROPICAL DEPRESSION

28 KT NE: 185 SE: 250 SW: 165 NW: 120  
34 KT NE: 110 SE: 130 SW: 100 NW: 55  
48 KT NE: 0 SE: 55 SW: 35 NW: 35

120H: 2026/02/06 00 UTC: 34.1 S / 65.4 E, VENT MAX= 050 KT, EXTRATROPICAL DEPRESSION

28 KT NE: 185 SE: 260 SW: 165 NW: 120  
34 KT NE: 110 SE: 130 SW: 100 NW: 55  
48 KT NE: 0 SE: 60 SW: 40 NW: 40

#### 2.C ADDITIONAL INFORMATION:

OVER THE LAST 6 HOURS, FYTIA HAS CONTINUED ITS PROGRESSION INTO THE LAND OF MADAGASCAR. THE CENTER IS LOCATED AT 00UTC NOT FAR FROM MORAMANGA IN THE SOUTHERN PART OF THE TOAMASINA PROVINCE. THE CLOUD STRUCTURE HAS FURTHER DETERIORATED AND FRICTION ON LAND HAS CAUSED A SHEAR CONFIGURATION IN WHICH THE LOW-LEVEL CENTER IS NOW EXPOSED. HOWEVER, CONVECTION HAS REINTENSIFIED AT SEA IN THE NORTHEAST FLOW AT THE FRONT OF THE SYSTEM, AS SHOWN BY CLASSIC SATELLITE IMAGES. THE GOOD ALTITUDE OUTFLOW AND THE RESURGENCE OF CONVECTION SUGGEST THAT THE TROPICAL CHARACTER WILL BE MAINTAINED. MAXIMUM WINDS ARE ESTIMATED, USING MODELS, WITH A STRENGTH OF 30KT, MAINLY IN THE EASTERN QUADRANT OF THE SYSTEM. FYTIA IS THEREFORE CLASSIFIED AS A TROPICAL DEPRESSION.

THE SYSTEM IS EXPECTED TO CONTINUE MOVING SOUTHEASTWARDS OVER THE NEXT FEW DAYS, STEERED BETWEEN A MID-LEVEL RIDGE TO THE NORTHEAST AND A TROUGH LOCATED FURTHER SOUTH. IT SHOULD THEREFORE PASS WELL OFF TO THE SOUTHWEST OF REUNION ISLAND AROUND MONDAY. UNCERTAINTY INCREASES SIGNIFICANTLY FROM TUESDAY ONWARDS REGARDING THE SYSTEM'S FORWARD SPEED : SOME SCENARIOS SUGGEST A SLOWDOWN LINKED TO A WEAKENING SYSTEM STEERED BY WEAK LOW-LEVEL FLOWS, WHILE OTHER SCENARIOS FAVOR A MORE POWERFUL SYSTEM MOVING FASTER IN THE MID-LEVEL NORTHWESTERLY FLOW ON THE EDGE OF AN UPPER TROUGH, THUS EXITING MORE RAPIDLY TOWARDS SUBTROPICAL LATITUDES. THE LATTER SCENARIO IS SLIGHTLY FAVORED BY THE RSMC FORECAST, WHICH IS A COMPROMISE BETWEEN HIGH-RESOLUTION MODELS (AROME, HAFS-A), ENSEMBLIST AND AI ENSEMBLES.

IN TERMS OF SYSTEM INTENSITY, THE RAPID RESUMPTION OF CONVECTION IN THE SEA ALLOWS TO MAINTAIN A TROPICAL PATTERN DESPITE THE DECREASE IN INTENSITY DURING ITS MOVEMENT OVER LAND DURING THE NIGHT. WHEN IT

MOVES BACK TO SEA ON SUNDAY MORNING EAST OF MADAGASCAR OVER SURFACE WATERS ABOVE 28C, CONVECTION IS EXPECTED TO CONTINUE STRENGTHENING NEAR THE CENTER AND THE SYSTEM IS EXPECTED TO RE-INTENSIFY, GRADUALLY RETURNING TO THE STRONG TROPICAL STORM STAGE. HOWEVER, INCREASING NORTHWESTERLY VERTICAL SHEAR ON THE EDGE OF A TROUGH SHOULD MORE OR LESS LIMIT THE POTENTIAL FOR INTENSIFICATION. MODEL SPREAD BECOMES VERY HIGH FROM TUESDAY ONWARDS, WITH SOME SUGGESTING THAT THE SYSTEM WILL FILL IN AS A WEAK REMNANT LOW IN CONNECTION WITH DRY AIR INTRUSIONS, WHILE OTHERS MAINTAIN A STRONGER INTENSITY THANKS TO A FASTER MOVEMENT IN THE SAME DIRECTION AS THE WIND SHEAR. THE RSMC FORECAST IS CLOSER TO SCENARIOS THAT MAINTAIN SIGNIFICANT INTENSITY. STARTING ON WEDNESDAY OR THURSDAY, AS IT MOVES OVER COOLER WATERS AND UNDER THE EFFECT OF INCREASING SHEAR, THE SYSTEM COULD GRADUALLY LOSE ITS TROPICAL FEATURES AND BECOME POST-TROPICAL.

EXPECTED IMPACTS OVER INHABITED LANDS IN THE NEXT 72 HOURS :

MADAGASCAR (MAHAJANGA AND ANTSIRANANA PROVINCES):

- CONDITIONS ARE IMPROVING BUT VERY HEAVY RAIN IS STILL POSSIBLE ON SUNDAY BEHIND THE SYSTEM, WITH ACCUMULATIONS OF 100-200 MM IN 12 HOURS.

MADAGASCAR (PROVINCES OF ANTANANARIVO, TOAMASINA, AND FIANARANTSOA):

- HEAVY RAIN IS LIKELY ALONG THE SYSTEM'S TRACK TONIGHT, WITH ACCUMULATIONS OF 100 TO 200 MM IN 24 HOURS. BEFORE AND DURING THE SYSTEM'S RETURN TO THE SEA, THE RESUMPTION OF CONVECTION AND THE CONVERGENCE OF WINDS ON THE CENTRAL-EAST COAST SHOULD GENERATE VERY HEAVY RAINFALL IN THE SOUTH OF THE PROVINCE OF TOAMASINA AND EVEN THE FAR NORTH OF THE PROVINCE OF FIANARANTSOA, WITH UP TO 200-300 MM IN 12 SUNDAY MORNING. HEAVY SHOWERS ARE ALSO POSSIBLE IN THE OUTER BANDS BEHIND THE SYSTEM ON SUNDAY, WITH ACCUMULATIONS NOT EXCEEDING 100 MM.

- IMPROVEMENT FROM SUNDAY NOON.