

WTIO30 FMEE 310052

RSMC / TROPICAL CYCLONE CENTER / LA REUNION

TROPICAL CYCLONE FORECAST WARNING (SOUTH-WEST INDIAN OCEAN)

0.A WARNING NUMBER: 9/9/20252026

1.A TROPICAL CYCLONE 9 (FYTIA)

2.A POSITION 2026/01/31 AT 0000 UTC:

WITHIN 10 NM RADIUS OF POINT 16.0 S / 44.9 E
(SIXTEEN DECIMAL ZERO DEGREES SOUTH AND
FORTY FOUR DECIMAL NINE DEGREES EAST)

MOVEMENT: EAST-SOUTH-EAST 10 KT

3.A DVORAK ANALYSIS: 5.0/5.0/S 0.0/6 H

4.A CENTRAL PRESSURE: 968 HPA

5.A MAX AVERAGE WIND SPEED (10 MN): 80 KT

RADIUS OF MAXIMUM WINDS (RMW): 17 KM

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

28 KT NE: 215 SE: 150 SW: 150 NW: 185

34 KT NE: 130 SE: 95 SW: 95 NW: 110

48 KT NE: 65 SE: 55 SW: 60 NW: 65

64 KT NE: 30 SE: 30 SW: 30 NW: 30

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1006 HPA / 400 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION: DEEP

1.B FORECASTS (WINDS RADII IN KM):

12H: 2026/01/31 12 UTC: 17.2 S / 46.2 E, VENT MAX= 035 KT, OVERLAND DEPRESSION

28 KT NE: 110 SE: 165 SW: 155 NW: 95

34 KT NE: 75 SE: 110 SW: 95 NW: 0

24H: 2026/02/01 00 UTC: 19.0 S / 48.7 E, VENT MAX= 030 KT, OVERLAND DEPRESSION

28 KT NE: 120 SE: 165 SW: 155 NW: 100

36H: 2026/02/01 12 UTC: 20.3 S / 50.4 E, VENT MAX= 040 KT, MODERATE TROPICAL
STORM

28 KT NE: 130 SE: 165 SW: 165 NW: 175

34 KT NE: 85 SE: 110 SW: 130 NW: 85

48H: 2026/02/02 00 UTC: 21.4 S / 52.0 E, VENT MAX= 050 KT, SEVERE TROPICAL STORM

28 KT NE: 195 SE: 205 SW: 205 NW: 195

34 KT NE: 120 SE: 130 SW: 120 NW: 100

48 KT NE: 65 SE: 65 SW: 45 NW: 35

60H: 2026/02/02 12 UTC: 22.3 S / 53.3 E, VENT MAX= 055 KT, SEVERE TROPICAL STORM

28 KT NE: 220 SE: 215 SW: 215 NW: 195
34 KT NE: 140 SE: 130 SW: 120 NW: 100
48 KT NE: 65 SE: 65 SW: 45 NW: 35

72H: 2026/02/03 00 UTC: 22.9 S / 54.2 E, VENT MAX= 050 KT, SEVERE TROPICAL STORM
28 KT NE: 215 SE: 175 SW: 195 NW: 185
34 KT NE: 140 SE: 100 SW: 100 NW: 95
48 KT NE: 65 SE: 65 SW: 45 NW: 35

2.B LONGER-RANGE OUTLOOK:

96H: 2026/02/04 00 UTC: 24.1 S / 55.7 E, VENT MAX= 040 KT, MODERATE TROPICAL STORM

28 KT NE: 205 SE: 150 SW: 155 NW: 130
34 KT NE: 130 SE: 85 SW: 0 NW: 55

120H: 2026/02/05 00 UTC: 26.5 S / 58.6 E, VENT MAX= 035 KT, MODERATE TROPICAL STORM

28 KT NE: 250 SE: 215 SW: 155 NW: 140
34 KT NE: 150 SE: 120 SW: 0 NW: 65

2.C ADDITIONAL INFORMATION:

T=CI=5.0

OVER THE PAST 6 HOURS, THE SYSTEM HAS MAINTAINED ITS EYE CONFIGURATION. THE PARTIAL ASCAT IMAGE FROM 1846Z DID NOT ALLOW FOR THE MEASUREMENT OF THE STRONGEST WINDS IN THE EYE WALL. DVORAK'S SUBJECTIVE ANALYSIS OF THE EYE MAINTAINS THE T NUMBER AT 5.0 A FEW HOURS BEFORE THE SYSTEM MAKES LANDFALL IN MADAGASCAR. IN AGREEMENT WITH THE DPRINT OBJECTIVE ANALYSIS, WHICH MAINTAINED A STABLE INTENSITY, AND GIVEN THE IMMEDIATE PROXIMITY OF LAND THAT HAS BEGUN TO INTERACT WITH THE SYSTEM, THE MAXIMUM WINDS ESTIMATED BY THE CMRS ARE MAINTAINED AT 80KT.

NO CHANGE IN TERMS OF TRACK: THE SUBTROPICAL HIGH-ALTITUDE BACKBONE IS GENERATING A NORTHWESTERLY FLOW THAT IS DRIVING THE SYSTEM'S TRACK TOWARDS THE SOUTHEAST. IT IS CURRENTLY MAKING LANDFALL IN THE PROVINCE OF MAHAJANGA. THE SYSTEM IS EXPECTED TO EMERGE OFF THE EAST COAST OF MADAGASCAR, MAINTAINING ITS COURSE UNTIL SUNDAY IN THE SOUTH OF THE PROVINCE OF TOAMASINA. AT THE BEGINNING OF NEXT WEEK, THE SYSTEM WILL CONTINUE IN A SOUTHEASTERN DIRECTION AND PASS CLOSE TO THE MASCARENES IN THE SOUTHWEST. MOST MODELS AGREE ON THIS SCENARIO, SO CONFIDENCE IN IT IS NOW RELATIVELY HIGH.

IN TERMS OF INTENSITY, AFTER MAKING LANDFALL IN MADAGASCAR, THE SYSTEM WILL WEAKEN CONSIDERABLY AS IT MOVES OVERLAND. ITS POTENTIAL FOR RE-INTENSIFICATION BETWEEN MADAGASCAR AND THE MASCAREIGNES REMAINS UNCERTAIN AT THIS STAGE. IT WILL BENEFIT FROM GOOD OCEANIC POTENTIAL WITH WARM WATERS AROUND 28°C, BUT THE NORTHWEST VERTICAL SHEAR IS LIKELY TO BE UNFAVORABLE. MOST OF THE AVAILABLE MODELS PREDICT REINTENSIFICATION AT THE BEGINNING OF NEXT WEEK TO THE STAGE OF A STRONG TROPICAL STORM, FOLLOWED BY A GRADUAL WEAKENING IMPACTED BY INCREASED SHEAR AND INTRUSIONS OF DRY AIR.

IMPACT ON POPULATED AREAS IN THE NEXT 72 HOURS

MADAGASCAR (MAHAJANGA PROVINCE):

- LANDING ON THE PROVINCE OF MAHAJANGA NEAR CAP SAINT-ANDRE IN PROGRESS.
- HURRICANE-FORCE WINDS AT THE TIME OF LANDING AND FOR A FEW HOURS AFTERWARDS.
- HEAVY RAIN CURRENTLY FALLING: 200-300 MM IN 24 HOURS, LOCALLY MORE, NEAR THE LANDING ZONE. TOTAL ACCUMULATION OF 100-200 MM IN 24 HOURS ALONG THE TRAJECTORY AS THE SYSTEM MOVES OVERLAND ON SATURDAY AND SUNDAY.
- VERY HEAVY TO HEAVY SEA UNTIL THE END OF THE DAY ON SATURDAY.
- SURGE EXPECTED BETWEEN 2.5 AND 3.5M IN THE LANDING AREA.

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

- HEAVY RAIN POSSIBLE ALONG THE TRAJECTORY. ACCUMULATION OF APPROXIMATELY 100MM IN 24 HOURS AS THE SYSTEM MOVES OVERLAND ON SATURDAY AND SUNDAY.