

WTIO30 FMEE 060107

RSMC / TROPICAL CYCLONE CENTER / LA REUNION

TROPICAL CYCLONE FORECAST WARNING (SOUTH-WEST INDIAN OCEAN)

0.A WARNING NUMBER: 5/10/20252026

1.A TROPICAL DEPRESSION 10

2.A POSITION 2026/02/06 AT 0000 UTC:

WITHIN 40 NM RADIUS OF POINT 15.0 S / 60.7 E

(FIFTEEN DECIMAL ZERO DEGREES SOUTH AND  
SIXTY DECIMAL SEVEN DEGREES EAST)

MOVEMENT: SOUTH-WEST 7 KT

3.A DVORAK ANALYSIS: 2.5/2.5/D 0.5/6 H

4.A CENTRAL PRESSURE: 1005 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: 45 SE: 45 SW: 45 NW: 45

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1009 HPA / 400 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION: DEEP

1.B FORECASTS (WINDS RADII IN KM):

12H: 2026/02/06 12 UTC: 15.9 S / 59.9 E, VENT MAX= 030 KT, TROPICAL DEPRESSION

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

24H: 2026/02/07 00 UTC: 16.6 S / 59.3 E, VENT MAX= 035 KT, MODERATE TROPICAL  
STORM

28 KT NE: 150 SE: 130 SW: 165 NW: 140

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

36H: 2026/02/07 12 UTC: 17.1 S / 58.9 E, VENT MAX= 040 KT, MODERATE TROPICAL  
STORM

28 KT NE: 155 SE: 140 SW: 165 NW: 130

34 KT NE: 100 SE: 95 SW: 0 NW: 75

48H: 2026/02/08 00 UTC: 17.4 S / 58.6 E, VENT MAX= 050 KT, SEVERE TROPICAL STORM

28 KT NE: 165 SE: 195 SW: 140 NW: 150

34 KT NE: 110 SE: 120 SW: 95 NW: 85

48 KT NE: 45 SE: 55 SW: 35 NW: 0

60H: 2026/02/08 12 UTC: 17.8 S / 57.6 E, VENT MAX= 060 KT, SEVERE TROPICAL STORM

28 KT NE: 155 SE: 205 SW: 165 NW: 150

34 KT NE: 110 SE: 120 SW: 100 NW: 85

48 KT NE: 45 SE: 55 SW: 55 NW: 45

72H: 2026/02/09 00 UTC: 18.0 S / 56.4 E, VENT MAX= 070 KT, TROPICAL CYCLONE

28 KT NE: 175 SE: 260 SW: 205 NW: 165

34 KT NE: 110 SE: 150 SW: 120 NW: 95

48 KT NE: 45 SE: 65 SW: 65 NW: 55

64 KT NE: 35 SE: 45 SW: 35 NW: 30

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

96H: 2026/02/10 00 UTC: 18.7 S / 52.8 E, VENT MAX= 090 KT, INTENSE TROPICAL CYCLONE

28 KT NE: 215 SE: 315 SW: 250 NW: 195

34 KT NE: 140 SE: 175 SW: 150 NW: 110

48 KT NE: 55 SE: 75 SW: 75 NW: 65

64 KT NE: 45 SE: 55 SW: 45 NW: 35

120H: 2026/02/11 00 UTC: 20.0 S / 48.6 E, VENT MAX= 050 KT, SEVERE TROPICAL STORM

28 KT NE: 250 SE: 315 SW: 165 NW: 110

34 KT NE: 155 SE: 155 SW: 75 NW: 75

48 KT NE: 60 SE: 60 SW: 40 NW: 0

#### 2.C ADDITIONAL INFORMATION:

T=CI=2.5

OVER THE LAST 6 HOURS, CONVECTION HAS INTENSIFIED AND COVERED THE CENTER, WHICH IS MOVING SLOWLY TOWARD THE SOUTHWEST. THE GCOM-W MICROWAVE IMAGE FROM 2133Z ALLOWED US TO LOCATE THE LOW-LEVEL VORTEX AT THE EDGE OF THE CONVECTION. DVORAK'S SUBJECTIVE ANALYSIS ESTIMATES T AND CI AT 2.5 DUE TO THE RESURGENCE OF CONVECTION NEAR THE CENTER, INDICATING A SLIGHT INTENSIFICATION OF THE SYSTEM. HOWEVER, ACCORDING TO CIMSS ANALYSES, DEEP AND MEDIUM WIND SHEAR REMAINS SIGNIFICANT AND THE SYSTEM CAN ONLY INTENSIFY SLOWLY FOR THE MOMENT. THE WIND INTENSITY HAS THEREFORE BEEN INCREASED TO 30KT AND THE SYSTEM IS CLASSIFIED AS A TROPICAL DEPRESSION.

REGARDING THE TRACK, THE SYSTEM IS MOVING SOUTHWEST, STEERED BY HIGH GEOPOTENTIALS IN THE LOWER TROPOSPHERE EAST OF THE SYSTEM AND BY THE REMNANTS OF SYSTEM FYTIA SOUTH OF THE MASCARENES. AS THE SYSTEM INTENSIFIES, IT IS BEING INFLUENCED BY HIGHER ALTITUDE FLOWS AND IS EXPECTED TO SLOW DOWN ON SATURDAY, TRAPPED IN A BAROMETRIC COL BETWEEN TWO MID-TROPOSPHERE RIDGES. FROM SUNDAY, THE SYSTEM IS EXPECTED TO ACCELERATE WESTWARD STEERED BY THE SUBTROPICAL RIDGE LOCATED SOUTH OF MADAGASCAR, WHILE CIRCULATING AT A STILL UNCERTAIN DISTANCE FROM THE GREAT MASCARENE ISLANDS. THE AVAILABLE DETERMINISTIC, ENSEMBLE AND AI MODELS REMAIN QUITE DISPERSED ON THE TIMING OF THE WESTWARD TURN AND MAKE THE FORECAST OF THE TRACK UNCERTAIN IN THE MEDIUM RANGE.

IN TERMS OF INTENSITY, SOUTHEASTERLY WIND SHEAR IS EXPECTED TO CONTINUE DELAYING THE SYSTEM'S INTENSIFICATION AT LEAST UNTIL FRIDAY EVENING. ON FRIDAY EVENING AND FOLLOWING NIGHT, DECREASING SHEAR COULD ENABLE A SLIGHT INTENSIFICATION UP TO MODERATE TROPICAL STORM

STAGE. ON SATURDAY, MORE OR LESS SIGNIFICANT SOUTHERLY MID-SHEAR MAKES THE FORECAST UNCERTAIN. MODEL SPREAD THEN BECOMES VERY HIGH. THE SYSTEM SHOULD INTENSIFY MORE SIGNIFICANTLY FROM SUNDAY ONWARDS AS POLAR DIVERGENCE IMPROVES AND MID-SHEAR WEAKENS. IT COULD REACH TROPICAL CYCLONE STAGE FROM MONDAY, OR EVEN INTENSE TROPICAL CYCLONE STAGE EARLY NEXT WEEK. HOWEVER, THE TIMING OF ITS INTENSIFICATION IS STILL UNCLEAR AMIDST THE AVAILABLE GUIDANCE AND HAS BEEN SLIGHTLY DELAYED IN THE PRESENT RSMC FORECAST COMPARED TO THE PREVIOUS FORECAST.

IMPACTS ON INHABITED AREAS OVER THE NEXT 72 HOURS:

SAINT BRANDON:

- GALE-FORCE WINDS POSSIBLE BETWEEN FRIDAY EVENING AND SATURDAY EVENING.
- HEAVY RAIN POSSIBLE ON SATURDAY. 100-150 MM IN 24 HOURS.
- GRADUAL IMPROVEMENT ON SUNDAY.

MAURICE:

- HEAVY SHOWERS POSSIBLE.