



WTIO30 FMEE 170742 CCA

*****CORRECTIVE*****

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

0.A WARNING NUMBER: 50/10/20252026

1.A SEVERE TROPICAL STORM 10 (GEZANI)

2.A POSITION 2026/02/17 AT 0600 UTC:

WITHIN 20 NM RADIUS OF POINT 29.5 S / 44.0 E

(TWENTY NINE DECIMAL FIVE DEGREES SOUTH AND
FORTY FOUR DECIMAL ZERO DEGREES EAST)

MOVEMENT: SOUTH-SOUTH-WEST 28 KT

3.A DVORAK ANALYSIS: 2.5/3.5/W 1.0/6 H

4.A CENTRAL PRESSURE: 986 HPA

5.A MAX AVERAGE WIND SPEED (10 MN): 50 KT

RADIUS OF MAXIMUM WINDS (RMW): 70 KM

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

28 KT NE: 185 SE: 350 SW: 445 NW: 165

34 KT NE: 140 SE: 220 SW: 240 NW: 120

48 KT NE: 75 SE: 85 SW: 70 NW: 0

64 KT NE: 0 SE: 0 SW: 0 NW: 0

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1008 HPA / 700 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION: DEEP

1.B FORECASTS (WINDS RADII IN KM):

12H: 2026/02/17 18 UTC: 31.7 S / 42.0 E, VENT MAX= 055 KT, SEVERE TROPICAL STORM

28 KT NE: 335 SE: 510 SW: 480 NW: 250

34 KT NE: 205 SE: 315 SW: 285 NW: 140

48 KT NE: 85 SE: 95 SW: 65 NW: 35

24H: 2026/02/18 06 UTC: 34.4 S / 41.3 E, VENT MAX= 045 KT, MODERATE TROPICAL
STORM

28 KT NE: 360 SE: 380 SW: 335 NW: 215

34 KT NE: 220 SE: 240 SW: 195 NW: 110

36H: 2026/02/18 18 UTC: 37.0 S / 41.8 E, VENT MAX= 045 KT, MODERATE TROPICAL
STORM

28 KT NE: 380 SE: 350 SW: 350 NW: 230

34 KT NE: 230 SE: 220 SW: 205 NW: 120

48H: 2026/02/19 06 UTC: 39.3 S / 43.9 E, VENT MAX= 040 KT, POST-TROPICAL
DEPRESSION

28 KT NE: 400 SE: 325 SW: 325 NW: 285
34 KT NE: 240 SE: 215 SW: 185 NW: 150

60H: 2026/02/19 18 UTC: 42.2 S / 48.6 E, VENT MAX= 040 KT, POST-TROPICAL
DEPRESSION

28 KT NE: 470 SE: 405 SW: 435 NW: 390
34 KT NE: 285 SE: 260 SW: 240 NW: 205

72H: 2026/02/20 06 UTC: 45.0 S / 56.1 E, VENT MAX= 045 KT, EXTRATROPICAL
DEPRESSION

28 KT NE: 555 SE: 640 SW: 425 NW: 435
34 KT NE: 350 SE: 400 SW: 295 NW: 280

2.B LONGER-RANGE OUTLOOK:
NIL

2.C ADDITIONAL INFORMATION:
T=2.5 CI=3.5

OVER THE LAST 6 HOURS, THE LOW-LEVEL CENTER HAS SLID BELOW THE UPPER-LEVEL CUT-OFF, ACCELERATING SHARPLY SOUTHWARD. CONVECTIVE ACITIVITY DOES NOT SHOW CLEAR REVIVAL. THE CURVED BAND PATTERN NOW APPEARS CLEAR, ALLOWING US TO MAKE A DVORAK ESTIMATE OF 3.0 IN DT. HOWEVER, THE PRESENCE OF BAROCLINE MECHANISMS INDICATES THAT GEZANI IS NOW HYBRID IN NATURE, AND WE PREFER A MET/PT ANALYSIS OF 2.5. THE CI IS THEREFORE FALLING TO 3.5, INDICATING A MAXIMUM SPEED OF 50KT AND THE SYSTEM REMAINING AT THE STRONG TROPICAL STORM STAGE. THIS INTENSITY IS CONFIRMED BY THE ASCAT-B SWATH AROUND 0530UTC.

GEZANI'S TRACK IS HEADING SOUTHWEST THIS MORNING, ACCELERATING ALONG THE EDGE OF A SUBTROPICAL RIDGE EAST OF THE SYSTEM AND ON THE NEAR EASTERN EDGE OF THE CUT-OFF. GEZANI IS EXPECTED TO RESUME A SOUTHERLY TRACK BY THURSDAY AND THEN HEAD SOUTHEAST, MOVING AWAY TOWARD THE MIDDLE LATITUDES. THERE IS LITTLE SPREAD WITHIN THE MODELS.

IN TERMS OF INTENSITY, THE SYSTEM IS EXPECTED TO MOVE UNDER AN UPPER-LEVEL CUT-OFF, THUS MAKING WIND SHEAR DECREASE. THIS SHOULD HELP MAINTAIN A DEEP, SYMMETRICAL WARM CORE UNTIL THURSDAY, AND SO AN INTENSITY CLOSE TO SEVERE TROPICAL STORM STAGE. HOWEVER, THE SIGNIFICANT DECREASE IN OCEANIC POTENTIAL SOUTH OF 30S SHOULD LEAD TO A WEAKENING OVER WEDNESDAY. ON THURSDAY AND FRIDAY, IN AN INCREASINGLY BAROCLINIC ENVIRONMENT WITH INCREASING SHEAR, GEZANI SHOULD GRADUALLY LOSE ITS TROPICAL FEATURES. ONCE THE SYSTEM BECOMES FULLY EXTRATROPICAL ON FRIDAY AFTERNOON, WINDS COULD STRENGTHEN AGAIN DUE TO BAROCLINIC PROCESSES, REACHING STORM FORCE AS IT TRACKS NEAR KERGUELEN ARCHIPELAGO ON FRIDAY NIGHT INTO SATURDAY.

EXPECTED IMPACTS FOR INHABITED AREAS OVER THE NEXT 72 HOURS :

MADAGASCAR (TOLIARA PROVINCE) :

- IMPROVEMENT IN WEATHER CONDITIONS FOR ALL PARAMETERS.