

WTIO30 FMEE 170044

RSMC / TROPICAL CYCLONE CENTER / LA REUNION

TROPICAL CYCLONE FORECAST WARNING (SOUTH-WEST INDIAN OCEAN)

0.A WARNING NUMBER: 49/10/20252026

1.A SEVERE TROPICAL STORM 10 (GEZANI)

2.A POSITION 2026/02/17 AT 0000 UTC:

WITHIN 30 NM RADIUS OF POINT 26.6 S / 44.5 E

(TWENTY SIX DECIMAL SIX DEGREES SOUTH AND
FORTY FOUR DECIMAL FIVE DEGREES EAST)

MOVEMENT: SOUTH-SOUTH-EAST 14 KT

3.A DVORAK ANALYSIS: 3.5/4.0/W 0.5/6 H

4.A CENTRAL PRESSURE: 987 HPA

5.A MAX AVERAGE WIND SPEED (10 MN): 55 KT

RADIUS OF MAXIMUM WINDS (RMW): 59 KM

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

28 KT NE: 165 SE: 350 SW: 465 NW: 150

34 KT NE: 120 SE: 220 SW: 240 NW: 100

48 KT NE: 75 SE: 75 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 12 UTC: 30.2 S / 42.5 E, VENT MAX= 060 KT, SEVERE TROPICAL STORM

28 KT NE: 325 SE: 445 SW: 415 NW: 295

34 KT NE: 195 SE: 280 SW: 240 NW: 155

48 KT NE: 85 SE: 95 SW: 85 NW: 0

24H: 2026/02/18 00 UTC: 32.7 S / 41.5 E, VENT MAX= 055 KT, SEVERE TROPICAL STORM

28 KT NE: 325 SE: 435 SW: 285 NW: 205

34 KT NE: 205 SE: 280 SW: 195 NW: 110

48 KT NE: 85 SE: 85 SW: 65 NW: 0

36H: 2026/02/18 12 UTC: 35.5 S / 41.5 E, VENT MAX= 045 KT, MODERATE TROPICAL
STORM

28 KT NE: 335 SE: 325 SW: 220 NW: 230

34 KT NE: 205 SE: 205 SW: 140 NW: 110

48H: 2026/02/19 00 UTC: 38.0 S / 42.5 E, VENT MAX= 040 KT, POST-TROPICAL
DEPRESSION

28 KT NE: 335 SE: 335 SW: 380 NW: 220

34 KT NE: 205 SE: 215 SW: 205 NW: 130

60H: 2026/02/19 12 UTC: 40.2 S / 45.5 E, VENT MAX= 040 KT, POST-TROPICAL DEPRESSION

28 KT NE: 380 SE: 400 SW: 400 NW: 305

34 KT NE: 230 SE: 260 SW: 230 NW: 150

72H: 2026/02/20 00 UTC: 42.8 S / 50.8 E, VENT MAX= 040 KT, POST-TROPICAL DEPRESSION

28 KT NE: 530 SE: 535 SW: 465 NW: 415

34 KT NE: 315 SE: 350 SW: 260 NW: 230

2.B LONGER-RANGE OUTLOOK:

96H: 2026/02/21 00 UTC: 48.5 S / 67.8 E, VENT MAX= 050 KT, EXTRATROPICAL DEPRESSION

28 KT NE: 760 SE: 555 SW: 500 NW: 595

34 KT NE: 465 SE: 350 SW: 305 NW: 350

48 KT NE: 185 SE: 0 SW: 130 NW: 165

2.C ADDITIONAL INFORMATION:

T=3.5 CI=4.0

GEZANI'S CENTER PASSED ABOUT 45 KM OFF THE SOUTHWEST COAST OF MADAGASCAR (TOLIARA PROVINCE) ON MONDAY EVENING AROUND 18-19UTC. THE 18Z POSITION HAS BEEN ADJUSTED AT 25.3S/43.8E IN THE BEST TRACK.

OVER THE LAST 6 HOURS, CONVECTION HAS GRADUALLY WEAKENED WITH WARMING CLOUD TOPS. ITS CLOUD PATTERN TEMPORARILY EVOLVED INTO A CURVED BAND WRAPPING AT LEAST 0.75 ROUND. SUBJECTIVE DVORAK ANALYSIS IS MAINLY BASED ON THE MET/PT. THE SYSTEM'S INTENSITY IS SET AT 55 KT, IN LINE WITH MONDAY EVENING'S ASCAT DATA AND REMAINS SLIGHTLY ABOVE CIMSS OBJECTIVE AIDS, WHICH HAVE UNDERESTIMATED THE INTENSITY SINCE YESTERDAY EVENING.

GEZANI'S TRACK IS NOW TURNING SOUTHWARD AND MOVING FASTER ALONG THE EDGE OF A SUBTROPICAL RIDGE EAST OF THE SYSTEM. IT SHOULD TURN SOUTHEAST FROM THURSDAY WHILE MOVING AWAY TOWARDS THE MID-LATITUDES. SPREAD WITHIN MODEL GUIDANCE IS LOW.

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 TREND FROM WEDNESDAY. BETWEEN 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 SATURDAY MORNING.

EXPECTED IMPACTS FOR INHABITED AREAS OVER THE NEXT 72 HOURS :

MADAGASCAR (TOLIARA PROVINCE) :

- END OF GALE-FORCE WINDS. GRADUAL IMPROVEMENT FROM NOW ON.
- HEAVY SHOWERS LIKELY TODAY IN THE LEE OF GEZANI.
- VERY ROUGH SEAS WITH WAVES OF 4 TO 5 METERS THIS TUESDAY EARLY MORNING, THEN QUICKLY DECREASING BELOW 4 METERS.