

WTIO30 FMEE 160727

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

0.A WARNING NUMBER: 46/10/20252026

1.A SEVERE TROPICAL STORM 10 (GEZANI)

2.A POSITION 2026/02/16 AT 0600 UTC:

WITHIN 30 NM RADIUS OF POINT 24.8 S / 41.9 E

(TWENTY FOUR DECIMAL EIGHT DEGREES SOUTH AND
FORTY ONE DECIMAL NINE DEGREES EAST)

MOVEMENT: NORTH-EAST 7 KT

3.A DVORAK ANALYSIS: 3.5/4.0/W 0.5/24 H

4.A CENTRAL PRESSURE: 988 HPA

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

RADIUS OF MAXIMUM WINDS (RMW): NIL

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

28 KT NE: 185 SE: 295 SW: 490 NW: 295

34 KT NE: 120 SE: 175 SW: 175 NW: 140

48 KT NE: 0 SE: 65 SW: 60 NW: 65

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

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1010 HPA / 600 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION: DEEP

1.B FORECASTS (WINDS RADII IN KM):

12H: 2026/02/16 18 UTC: 25.8 S / 44.1 E, VENT MAX= 055 KT, SEVERE TROPICAL STORM

28 KT NE: 220 SE: 380 SW: 490 NW: 295

34 KT NE: 120 SE: 240 SW: 250 NW: 140

48 KT NE: 65 SE: 85 SW: 65 NW: 55

24H: 2026/02/17 06 UTC: 29.1 S / 43.6 E, VENT MAX= 055 KT, SEVERE TROPICAL STORM

28 KT NE: 295 SE: 425 SW: 470 NW: 295

34 KT NE: 185 SE: 240 SW: 250 NW: 140

48 KT NE: 75 SE: 85 SW: 75 NW: 55

36H: 2026/02/17 18 UTC: 31.8 S / 42.0 E, VENT MAX= 050 KT, SEVERE TROPICAL STORM

28 KT NE: 295 SE: 445 SW: 470 NW: 280

34 KT NE: 185 SE: 240 SW: 250 NW: 130

48 KT NE: 75 SE: 85 SW: 75 NW: 55

48H: 2026/02/18 06 UTC: 34.5 S / 41.5 E, VENT MAX= 045 KT, MODERATE TROPICAL
STORM

28 KT NE: 370 SE: 325 SW: 390 NW: 270

34 KT NE: 220 SE: 205 SW: 150 NW: 120

60H: 2026/02/18 18 UTC: 36.9 S / 42.0 E, VENT MAX= 040 KT, POST-TROPICAL DEPRESSION

28 KT NE: 370 SE: 325 SW: 390 NW: 305

34 KT NE: 220 SE: 205 SW: 195 NW: 140

72H: 2026/02/19 06 UTC: 39.1 S / 44.2 E, VENT MAX= 040 KT, POST-TROPICAL DEPRESSION

28 KT NE: 370 SE: 325 SW: 445 NW: 345

34 KT NE: 220 SE: 220 SW: 220 NW: 155

2.B LONGER-RANGE OUTLOOK:

NIL

2.C ADDITIONAL INFORMATION:

T=3.5- CI=4.0

OVER THE LAST 6 HOURS, GEZANI HAS KEPT A SHEAR PATTERN WITH A CENTER LOCATED ON THE EDGE OF THE CDO, AS CONFIRMED BY THE LATEST MICROWAVE IMAGES (2348Z GPM AND 0305Z WSM). CONVECTIVE ACTIVITY IS ALSO LIMITED TO THE SOUTHEASTERN QUADRANT DUE TO THE STRONG WESTERLY SHEAR (ANALYSED AT 29KT BY CIMSS). IN LINE WITH OBSERVATIONS FROM BUOY 7810269, WHICH MEASURED A MINIMUM PRESSURE OF 989HPA IN THE IMMEDIATE VICINITY OF THE CENTER AT 20UTC, THE INTENSITY HAS BEEN DOWNGRADED TO 55KT. HOWEVER, BASED ON THE PRELIMINARY ASCAT DATA, RECEIVED AFTER 06Z, IT APPEARS THAT THE MAXIMUM WINDS DID NOT EXCEED 50KT.

REGARDING THE TRACK FORECAST, THERE IS LITTLE CHANGE FROM PREVIOUS FORECASTS. UNDER THE INFLUENCE OF THE RIDGE TO THE NORTHEAST AND THE TROUGH TO THE SOUTH OF THE SYSTEM, GEZANI IS EXPECTED TO MOVE EASTWARD AND THEN SOUTHWARD OVER THE NEXT 24 HOURS. IT COULD PASS VERY CLOSE TO MADAGASCAR, BUT THE PROBABILITY OF A LANDFALL REMAINS LOW. STARTING ON TUESDAY, THE SUBTROPICAL RIDGE TO THE EAST IS EXPECTED TO DRIVE AN ACCELERATING TRACK SOUTHWARD THEN SOUTHEASTWARD, TOWARD THE MIDDLE LATITUDES. SPREAD IS LOW.

IN TERMS OF INTENSITY, THE SHEAR ASSOCIATED WITH THE UPPER TROUGH AND THE RELATED DRY INTRUSIONS SHOULD LIMIT ANY POTENTIAL DEVELOPMENT IN THE SHORT TERM. FROM TUESDAY ONWARDS, THE SYSTEM COULD RETURN UNDER THE CUT-OFF, THUS FAVORING A DECREASE IN SHEAR. THIS SHOULD HELP MAINTAIN THE DEEP, SYMMETRICAL WARM CORE UNTIL THURSDAY. HOWEVER, THE SIGNIFICANT DECREASE IN OCEANIC POTENTIAL SOUTH OF 30S SHOULD LEAD TO A WEAKENING STARTING ON WEDNESDAY. ON THURSDAY, IN AN INCREASINGLY BAROCLINIC ENVIRONMENT WITH INCREASING SHEAR, GEZANI SHOULD BEGIN TO DEFINITELY LOSE ITS TROPICAL CHARACTERISTICS.

EXPECTED IMPACTS FOR INHABITED AREAS OVER THE NEXT 72 HOURS :

MADAGASCAR (TOLIARA PROVINCE):

- GALE-FORCE WINDS VERY LIKELY AND POSSIBLE STORM-FORCE WINDS ON COASTAL AREAS. GRADUAL IMPROVEMENT ON TUESDAY.
- HEAVY SHOWERS LIKELY.
- VERY ROUGH SEAS WITH WAVES OF 4 TO 6 METERS UNTIL TOMORROW.