

WTIO30 FMEE 220034

RSMC / TROPICAL CYCLONE CENTER / LA REUNION

TROPICAL CYCLONE FORECAST WARNING (SOUTH-WEST INDIAN OCEAN)

0.A WARNING NUMBER: 24/11/20202021

1.A POST-TROPICAL DEPRESSION 11 (EX-GUAMBE)

2.A POSITION 2021/02/22 AT 0000 UTC:

WITHIN 20 NM RADIUS OF POINT 34.1 S / 44.6 E

(THIRTY FOUR DECIMAL ONE DEGREES SOUTH AND
FORTY FOUR DECIMAL SIX DEGREES EAST)

MOVEMENT: EAST-SOUTH-EAST 29 KT

3.A DVORAK ANALYSIS: NIL

4.A CENTRAL PRESSURE: 981 HPA

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

RADIUS OF MAXIMUM WINDS (RMW): 93 KM

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

28 KT NE: 315 SE: 185 SW: 185 NW: 240

34 KT NE: 240 SE: 165 SW: 165 NW: 185

48 KT NE: 150 SE: 150 SW: 150 NW: 150

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 999 HPA / 500 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION: MEDIUM

1.B FORECASTS (WINDS RADII IN KM):

12H: 2021/02/22 12 UTC: 38.2 S / 53.7 E, VENT MAX= 050 KT, POST-TROPICAL
DEPRESSION

28 KT NE: 445 SE: 600 SW: 555 NW: 445

34 KT NE: 285 SE: 480 SW: 390 NW: 260

48 KT NE: 130 SE: 130 SW: 150 NW: 120

24H: 2021/02/23 00 UTC: 45.8 S / 69.1 E, VENT MAX= 045 KT, EXTRATROPICAL
DEPRESSION

28 KT NE: 565 SE: 0 SW: 970 NW: 705

34 KT NE: 280 SE: 675 SW: 685 NW: 435

2.B LONGER-RANGE OUTLOOK:

NIL

2.C ADDITIONAL INFORMATION:

DURING THE LAST SIX HOURS, EX-GUAMBE KEEPS ITS TRACK TOWARDS MID-LATITUDES. CONVECTIVE ACTIVITY WEAKENED AND IS CONCENTRATED IN THE NORTH-WESTERN QUADRANT.

EX-GUAMBE ACCELERATED UNDER THE INCREASING INFLUENCE OF THE DEEP MID LATITUDES TROUGH AT ITS SOUTH-WEST. IT IS EXPECTED TO MERGE WITH THE LATER BY TOMORROW. MEANWHILE, THE LOW IS RAPIDLY LOSE ITS TROPICAL FEATURES WITH A INCREASINGLY BAROMETRIC ENVIRONMENT (UPPER JET GETTING CLOSER).