

WTIO30 FMEE 041239

RSMC / TROPICAL CYCLONE CENTER / LA REUNION

TROPICAL CYCLONE FORECAST WARNING (SOUTH-WEST INDIAN OCEAN)

0.A WARNING NUMBER: 2/11/20182019

1.A TROPICAL DEPRESSION 11

2.A POSITION 2019/03/04 AT 1200 UTC:

WITHIN 20 NM RADIUS OF POINT 17.9 S / 37.2 E

(SEVENTEEN DECIMAL NINE DEGREES SOUTH AND  
THIRTY SEVEN DECIMAL TWO DEGREES EAST)

MOVEMENT: WEST 4 KT

3.A DVORAK ANALYSIS: 2.5/2.5/S 0.0/6 H

4.A CENTRAL PRESSURE: 1002 HPA

5.A MAX AVERAGE WIND SPEED (10 MN): 30 KT

RADIUS OF MAXIMUM WINDS (RMW): 28 KM

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

28 KT NE: 80 SE: 70 SW: 90 NW: 80

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1009 HPA / 300 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION: MEDIUM

1.B FORECASTS:

12H: 2019/03/05 00 UTC: 17.5 S / 36.5 E, VENT MAX= 000 , OVERLAND DEPRESSION

24H: 2019/03/05 12 UTC: 16.8 S / 35.5 E, VENT MAX= 000 , OVERLAND DEPRESSION

2.B LONGER-RANGE OUTLOOK:

NIL

2.C ADDITIONAL INFORMATION:

T=CI=2.5

OVER THE LAST 6 HOURS, THE CONVECTION ASSOCIATED WITH TROPICAL DEPRESSION 11 HAS MAINLY BEEN MAINTAINED IN CONVECTIVE CLUSTERS NEAR THE CENTRE, ACCOMPANIED BY STRONG CONVECTION EXTENDING OVER THE MOZAMBIQUE CHANNEL. THE LATEST INTENSITY ESTIMATES DO NOT ALLOW TO VALIDATE THE 35KTS THRESHOLD, AS SATELLITE WIND MEASUREMENTS REACH THIS THRESHOLD ONLY LOCALLY IN THE SOUTHEAST SECTOR. SO SYSTEM 11 WILL ARRIVE ON COAST WITHOUT BEING BAPTIZED.

TROPICAL DEPRESSION 11 IS EXPECTED TO LAND IN THE COMING HOURS ON THE MOZAMBIKAN COASTS, WITH MAXIMUM WINDS OF 30KT, REACHING THE 35KT THRESHOLD IN THE SOUTHEAST SECTOR AT SEA. THE CONVECTION ASSOCIATED

WITH THIS SYSTEM REMAINS QUITE STRONG, BRINGING REMARKABLE  
PRECIPITATION ON THE LANDING ZONE NEAR THE CITY OF QUELIMANE ON THE  
MOZAMBICAN COASTS.

FOLLOWING THE IMMINENT LANDING OF THE SYSTEM, THIS IS THE LAST WARNING  
ISSUED ON THIS SYSTEM BY LA REUNION RSMC.