

WTIO30 FMEE 110005

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

0.A WARNING NUMBER: 35/6/20162017

1.A EXTRATROPICAL DEPRESSION 6 (EX-ENAWO)

2.A POSITION 2017/03/11 AT 0000 UTC:

WITHIN 20 NM RADIUS OF POINT 32.7 S / 49.7 E

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

MOVEMENT : SOUTH 19 KT

3.A DVORAK ANALYSIS: NIL

4.A CENTRAL PRESSURE: 983 HPA

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

RADIUS OF MAXIMUM WINDS (RMW) :148 KM

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

28 KT NE: 240 SE: 650 SW: 810 NW: 240

34 KT NE: 190 SE: 590 SW: 670 NW: 190

48 KT NE: 150 SE: 220 SW: 220 NW: 150

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1001 HPA / 700 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION : MEDIUM

1.B FORECASTS:

12H: 2017/03/11 12 UTC: 35.5 S / 46.8 E, MAX WIND=045 KT, EXTRATROPICAL DEPRESSION

24H: 2017/03/12 00 UTC: 39.0 S / 43.6 E, MAX WIND=040 KT, EXTRATROPICAL DEPRESSION

36H: 2017/03/12 12 UTC: 43.2 S / 45.5 E, MAX WIND=035 KT, DISSIPATING

2.B LONGER-RANGE OUTLOOK :

2.C ADDITIONAL INFORMATION:

CURRENT INTENSITY WAS ESTIMATED ACCORDING WITH DATA FROM THE BUOY NR 1400555.

EX-ENAWO'S CIRCULATION INTERACTS NOW WITH THE BAROCLINIC AREA AND A

WARM FRONT APPEARS SOUTH OF THE CENTRE. EXTRA-TROPICALISATION IS ASSOCIATED WITH A WIDENING OF THE STRONGEST WINDS WHICH HAS BEEN ADJUSTED WITH 1914Z ASCAT DATA.

EX-ENAWO'S TRACK SHOULD REMAIN GLOBALLY MERIDIAN, STEERED BY THE WESTERN SIDE OF THE SUBTROPICAL RIDGE AND THEN BY A LOW-MID TROPOSPHERE TROUGH CIRCULATING IN THE SOUTH. WELL CONSTRAINED BY THESE STRUCTURES, EX-ENAWO'S TRACK FORECAST IS THUS ASSOCIATED WITH RATHER GOOD CONFIDENCE.

SUNDAY, EX-ENAWO'S LOW SHOULD MERGE WITH A SURFACE TROUGH ASSOCIATED WITH A MID-LATITUDES DEPRESSION.