

Direction Interrégionale à la Réunion
50, Boulevard du Chaudron
97490 Sainte-Clotilde
Tél : 0262 92 11 00
Fax Exploitation : 0262 92 11 48
Fax Direction : 0262 92 11 47



WTIO30 FMEE 101214

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

0.A WARNING NUMBER: 33/6/20162017

1.A POST-TROPICAL DEPRESSION 6 (EX-ENAWO)

2.A POSITION 2017/03/10 AT 1200 UTC:

WITHIN 20 NM RADIUS OF POINT 28.9 S / 49.2 E

(TWENTY EIGHT DECIMAL NINE DEGREES SOUTH AND FORTY NINE DECIMAL TWO DEGREES EAST)

MOVEMENT : SOUTH-SOUTH-EAST 17 KT

3.A DVORAK ANALYSIS: NIL

4.A CENTRAL PRESSURE: 986 HPA

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

RADIUS OF MAXIMUM WINDS (RMW) :222 KM

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

28 KT NE: 630 SE: 520 SW: 930 NW: 630

34 KT NE: 460 SE: 370 SW: 740 NW: 370

48 KT NE: 190 SE: 190 SW: 190 NW: 190

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1001 HPA / 800 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION : DEEP

1.B FORECASTS:

12H: 2017/03/11 00 UTC: 32.1 S / 49.1 E, MAX WIND=050 KT, EXTRATROPICAL DEPRESSION

24H: 2017/03/11 12 UTC: 35.1 S / 46.1 E, MAX WIND=050 KT, EXTRATROPICAL DEPRESSION

36H: 2017/03/12 00 UTC: 38.2 S / 42.1 E, MAX WIND=045 KT, EXTRATROPICAL DEPRESSION

48H: 2017/03/12 12 UTC: 41.8 S / 44.6 E, MAX WIND=040 KT, EXTRATROPICAL DEPRESSION

2.B LONGER-RANGE OUTLOOK :

2.C ADDITIONAL INFORMATION:

ACCORDING WITH DATA FROM SHIP 2ICI9, CURRENT INTENSITY IS ESTIMATED AT 50

KT. 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.

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.

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