

WTIO30 FMEE 090114

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

0.A WARNING NUMBER: 27/6/20162017

1.A OVERLAND DEPRESSION 6 (EX-ENAWO)

2.A POSITION 2017/03/09 AT 0000 UTC:

WITHIN 30 NM RADIUS OF POINT 19.2 S / 46.5 E

(NINETEEN DECIMAL TWO DEGREES SOUTH AND FORTY SIX DECIMAL FIVE
DEGREES EAST)

MOVEMENT : SOUTH 13 KT

3.A DVORAK ANALYSIS: NIL

4.A CENTRAL PRESSURE: NIL

5.A MAX AVERAGE WIND SPEED (10 MN): 35 KT

RADIUS OF MAXIMUM WINDS (RMW) :NIL

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

28 KT NE: 440 SE: 460 SW: 0 NW: 0

34 KT NE: 0 SE: 350 SW: 0 NW: 0

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1002 HPA / 1000 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION : MEDIUM

1.B FORECASTS:

12H: 2017/03/09 12 UTC: 22.3 S / 46.2 E, MAX WIND=035 KT, OVERLAND DEPRESSION

24H: 2017/03/10 00 UTC: 25.3 S / 46.7 E, MAX WIND=040 KT, POST-TROPICAL
DEPRESSION

36H: 2017/03/10 12 UTC: 28.2 S / 48.6 E, MAX WIND=040 KT, POST-TROPICAL
DEPRESSION

48H: 2017/03/11 00 UTC: 31.7 S / 48.6 E, MAX WIND=045 KT, POST-TROPICAL
DEPRESSION

60H: 2017/03/11 12 UTC: 34.9 S / 46.0 E, MAX WIND=045 KT, EXTRATROPICAL
DEPRESSION

72H: 2017/03/12 00 UTC: 37.7 S / 42.3 E, MAX WIND=045 KT, EXTRATROPICAL
DEPRESSION

2.B LONGER-RANGE OUTLOOK :

96H: 2017/03/13 00 UTC: 49.3 S / 48.3 E, MAX WIND=040 KT, DISSIPATING

2.C ADDITIONAL INFORMATION:

ALTHOUGH THE CENTER BECOMES INCREASINGLY LESS DEFINED, RECENT FIX SUGGEST THAT THE EXPECTED SOUTHWARDS TURN HAS OCCUR. THE CLOUD PATTERN HAS NOT CHANGED MUCH WITH MOST ACTIVITY RATHER FAR AWAY FROM THE CENTER. WITHOUT ANY OBJECTIVE DATA TO SUPPORT IT, THE CURRENT INTENSITY IS UNCHANGED WITH STILL SOME BELIEVABLE GALE FORCE WINDS LOCATED OVER SOME PORTIONS OF THE EASTERN COAST OF MADAGASCAR.

FOR THE FOLLOWING DAYS, EX-ENAWO CONTINUE ON ITS POLEWARDS TRACK, DUE TO THE WEAKENING OF THE MID-TROPOSPHERE RIDGE ON MADAGASCAR. GALE FORCE WINDS ARE EXPECTED TO MAINTAIN ALONG THE EASTERN COAST OF MADAGASCAR AND SHOULD SPREAD OVER SOUTH-EASTERN MADAGASCAR LATER TODAY . AS THE SYSTEM SHOULD MOVE BACK OVER OPEN WATER TONIGHT NEAR THE SOUTH-EAST OF MADAGASCAR, EXTRA-TROPICAL PROCESS SHOULD START SOON WITH A BAROCLINIC INTERACTION WITH AN UPPER LEVEL TROUGH ARRIVING FROM THE SOUTH-WEST, IN A STRONGLY SHEARED ENVIRONMENT, WITH A RAPIDLY DECAYING OCEANIC POTENTIAL.