



Direction Interrégionale de La Réunion
BP 4
97491 Ste Clotilde Cedex
Tel: 0262 92 11 00
Fax exploitation: 0262 92 11 48
Fax direction: 0262 92 11 47



WTIO30 FMEE 231218

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

0.A WARNING NUMBER: 37/2/20132014

1.A TROPICAL DEPRESSION 2 (EX-AMARA)

2.A POSITION 2013/12/23 AT 1200 UTC:

WITHIN 10 NM RADIUS OF POINT 22.6 S / 68.9 E

(TWENTY TWO DECIMAL SIX DEGREES SOUTH AND SIXTY EIGHT DECIMAL NINE DEGREES EAST)

MOVEMENT : EAST 4 KT

3.A DVORAK ANALYSIS: NIL

4.A CENTRAL PRESSURE: 0

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

RADIUS OF MAXIMUM WINDS (RMW) :74 KM

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

28 KT NE: SE: SW: 170 NW:

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1004 HPA / 600 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION : SHALLOW

1.B FORECASTS:

12H: 2013/12/24 00 UTC: 22.4 S / 70.2 E, MAX WIND=025 KT, LOW

24H: 2013/12/24 12 UTC: 23.1 S / 71.1 E, MAX WIND=025 KT, LOW

36H: 2013/12/25 00 UTC: 23.2 S / 70.5 E, MAX WIND=020 KT, LOW

48H: 2013/12/25 12 UTC: 22.5 S / 68.9 E, MAX WIND=020 KT, LOW

60H: 2013/12/26 00 UTC: 22.2 S / 66.4 E, MAX WIND=020 KT, DISSIPATING

72H: 2013/12/26 12 UTC: 22.8 S / 65.0 E, MAX WIND=015 KT, DISSIPATING

2.B LONGER-RANGE OUTLOOK :

96H: 2013/12/27 12 UTC: 23.5 S / 60.9 E, MAX WIND=015 KT, REMNANT LOW

2.C ADDITIONAL INFORMATION:

THE RESIDUAL LOW LEVEL CIRCULATION VISIBLE ON SATELLITE IMAGERY,
SHOULD FILL UP GRADUALLY.

STRONGEST WINDS ARE NOW ONLY LOCATED IN THE SOUTH-WESTERN QUADRANT
DUE TO GRADIENT EFFECT.

FOR THE NEXT 24 HOURS, THE SYSTEM SHOULD KEEP AN EASTWARD TO SOUTH-EASTWARDS TRACK IN RELATIONSHIP WITH A WEAK STEERING ENVIRONMENT AND PERHAPS WITH THE DISTANT INFLUENCE OF BRUCE. THEN THE SYSTEM SHOULD GO BACK WESTWARD WITH THE STEERING FLOW OF THE SUBTROPICAL HIGH PRESSURES REBUILDING SOUTH OF THE MASCARENES ISLANDS, GOING ON WEAKENING.

LAST WARNING ABOUT THIS SYSTEM UNLESS RE-INTENSIFICATION.