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**METEO FRANCE**  
Toujours un temps d'avance

WTIO30 FMEE 091205

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

0.A WARNING NUMBER: 47/11/20112012

1.A TROPICAL DEPRESSION 11 (EX-IRINA)

2.A POSITION 2012/03/09 AT 1200 UTC:

WITHIN 10 NM RADIUS OF POINT 29.4 S / 37.6 E

(TWENTY NINE DECIMAL FOUR DEGREES SOUTH AND THIRTY SEVEN DECIMAL SIX DEGREES EAST)

MOVEMENT : WEST 5 KT

3.A DVORAK ANALYSIS: NIL

4.A CENTRAL PRESSURE: 999 HPA

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

RADIUS OF MAXIMUM WINDS (RMW) :37 KM

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

28 KT NE: 90 SE: 170 SW: 150 NW: 90

34 KT NE: 0 SE: 90 SW: 60 NW: 0

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1013 HPA / 600 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION : SHALLOW

1.B FORECASTS:

12H: 2012/03/10 00 UTC: 29.0 S / 36.5 E, MAX WIND=025 KT, TROPICAL DISTURBANCE

24H: 2012/03/10 12 UTC: 28.3 S / 35.7 E, MAX WIND=025 KT, TROPICAL DISTURBANCE

36H: 2012/03/11 00 UTC: 26.0 S / 35.1 E, MAX WIND=025 KT, TROPICAL DISTURBANCE

48H: 2012/03/11 12 UTC: 23.5 S / 34.6 E, MAX WIND=020 KT, INLAND

60H: 2012/03/12 00 UTC: 20.4 S / 34.4 E, MAX WIND=020 KT, INLAND

72H: 2012/03/12 12 UTC: 17.2 S / 35.8 E, MAX WIND=015 KT, INLAND

2.B LONGER-RANGE OUTLOOK :

2.C ADDITIONAL INFORMATION:

CONVECTION REMAINS QUITE WEAK, AND THE CENTRE IS COMPLETELY EXPOSED NORTHWEST TO THE CONVECTION. STRONGER WINDS ARE LOCATED IN THE SOUTHERN SEMI-CIRCLE DUE TO THE GRADIENT OF PRESSURE.

THE SYSTEM STILL DRIFTS SLOWLY GLOBALLY WESTWARDS. IT IS EXPECTED TO KEEP ON SHIFTING SLOWLY GLOBALLY WEST-NORTH-WESTWARDS UNTIL SATURDAY MORNING ON THE NORTHERN EDGE OF A WEAK MID LEVEL RIDGE. BEYOND, HIGH PRESSURES LOCATED OVER SOUTH AFRICA WILL STEER THE SYSTEM NORTH-NORTH-WESTWARDS.

THROUGHOUT THE FORECAST PERIOD, SST REMAIN MARGINAL (25 TO 26 DEGREES CELSIUS). THE WIND-SHEAR IS STILL RATHER LOW BUT IS EXPECTED TO STRENGTHEN THIS AFTERNOON AND MAINTAIN THE CURRENT WEAKENING TREND.

IRINA SHOULD BE A FILLING UP LOW BY THE TIME IT WILL MAKE LANDFALL ON MOZAMBICAN COASTS.