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

0.A WARNING NUMBER: 44/8/20112012

1.A EXTRATROPICAL DEPRESSION 8 (EX-FUNSO)

2.A POSITION 2012/01/28 AT 1200 UTC:

WITHIN 10 NM RADIUS OF POINT 29.7 S / 41.8 E

(TWENTY NINE DECIMAL SEVEN DEGREES SOUTH AND FORTY ONE DECIMAL EIGHT DEGREES EAST)

MOVEMENT : SOUTH-EAST 17 KT

3.A DVORAK ANALYSIS: NIL

4.A CENTRAL PRESSURE: 980 HPA

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

RADIUS OF MAXIMUM WINDS (RMW) :111 KM

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

28 KT NE: 410 SE: 390 SW: 350 NW: 300

34 KT NE: 280 SE: 170 SW: 170 NW: 190

48 KT NE: 120 SE: 120 SW: 120 NW: 120

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1006 HPA / 1000 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION : SHALLOW

1.B FORECASTS:

12H: 2012/01/29 00 UTC: 32.2 S / 42.8 E, MAX WIND=050 KT, EXTRATROPICAL SYSTEM

24H: 2012/01/29 12 UTC: 32.9 S / 45.8 E, MAX WIND=040 KT, EXTRATROPICAL SYSTEM

36H: 2012/01/30 00 UTC: 33.2 S / 48.3 E, MAX WIND=040 KT, EXTRATROPICAL SYSTEM

48H: 2012/01/30 12 UTC: 34.4 S / 50.0 E, MAX WIND=035 KT, EXTRATROPICAL SYSTEM

60H: 2012/01/31 00 UTC: 35.3 S / 50.8 E, MAX WIND=035 KT, EXTRATROPICAL SYSTEM

72H: 2012/01/31 12 UTC: 36.4 S / 52.2 E, MAX WIND=035 KT, EXTRATROPICAL SYSTEM

2.B LONGER-RANGE OUTLOOK :

96H: 2012/02/01 12 UTC: 37.4 S / 53.7 E, MAX WIND=025 KT, LOW

120H: 2012/02/02 12 UTC: 37.6 S / 56.3 E, MAX WIND=020 KT, LOW

2.C ADDITIONAL INFORMATION:

FUNSO IS CURRENTLY BECOMING EXTRA-TROPICAL.

0600Z ASCAT SWATH SHOWS THAT STRONGEST WINDS EXTEND PROGRESSIVELY FAR AWAY FROM THE CENTRE.

DEEP CONVECTIVE ACTIVITY ONLY EXIST NOW IN THE EASTERN SEMI-CIRCLE FROM 40 TO 220 NM FROM THE CENTRE.

CONVECTIVE ACTIVITY SHOULD HOWEVER FLARE UP ALOFT THE CENTRE MAINLY WITHIN NIGHT PERIODS.

FOR THE NEXT 24 HOURS, SYSTEM SHOULD KEEPS ON TRACKING RAPIDLY SOUTH-EASTWARD TOWARDS A POLAR TROUGH TRANSITING IN THE SOUTH.

THEN, IT IS EXPECTED TO RE-CURVE EAST-SOUTH-EASTWARDS AND TO SLOW DOWN IN RELATIONSHIP WITH THE SUBTROPICAL RIDGE REBUILDING BY THE SOUTHWEST.

IT IS THEN EXPECTED TO PROGRESSIVELY FILL UP AND SHOULD DISSIPATE WITHIN A POLAR TROUGH ON THURSDAY 02.