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**METEO FRANCE**

WTIO30 FMEE 240028 CCA

\*\*\*\*\*CORRECTIVE\*\*\*\*\*

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

0.A WARNING NUMBER: 18/1/20152016

1.A POST-TROPICAL DEPRESSION 1 (EX-ANNABELLE)

2.A POSITION 2015/11/24 AT 0000 UTC:

WITHIN 30 NM RADIUS OF POINT 19.2 S / 78.8 E

(NINETEEN DECIMAL TWO DEGREES SOUTH AND SEVENTY EIGHT DECIMAL EIGHT DEGREES EAST)

MOVEMENT : SOUTH-EAST 16 KT

3.A DVORAK ANALYSIS: NIL

4.A CENTRAL PRESSURE: 991 HPA

5.A MAX AVERAGE WIND SPEED (10 MN): 45 KT

RADIUS OF MAXIMUM WINDS (RMW) :NIL

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

28 KT NE: 280 SE: 280 SW: 280 NW: 90

34 KT NE: 110 SE: 110 SW: 110 NW: 60

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1007 HPA / 600 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION : MEDIUM

1.B FORECASTS:

12H: 2015/11/24 12 UTC: 21.6 S / 80.4 E, MAX WIND=040 KT, POST-TROPICAL DEPRESSION

24H: 2015/11/25 00 UTC: 23.8 S / 81.8 E, MAX WIND=030 KT, POST-TROPICAL DEPRESSION

36H: 2015/11/25 12 UTC: 24.5 S / 81.7 E, MAX WIND=030 KT, LOW

48H: 2015/11/26 00 UTC: 24.7 S / 81.1 E, MAX WIND=025 KT, LOW

60H: 2015/11/26 12 UTC: 24.6 S / 79.7 E, MAX WIND=020 KT, REMNANT LOW

2.B LONGER-RANGE OUTLOOK :

2.C ADDITIONAL INFORMATION:

DURING THE PAST SIX HOURS, THE CONVECTION HAS DISORGANIZED AND IS WARMING, DUE TO THE INCREASING VERTICAL WINDSHEAR AHEAD OF AN UPPER TROUGH (NORTHWESTERLY VWS 45KT AT 18Z ACCORDING TO THE CIMSS) AND

COOLER SST.

THE SYSTEM HAS GAINED HYBRID CHARACTERISTICS AND BECOME A POST-TROPICAL STORM.

THE NWP MODELS REMAINS IN TIGHT AGREEMENT FOR A SOUTHEAST MOVEMENT TOWARDS A LARGE MID-TROPOSPHERIC TROUGH FOR THE NEXT 24 HOURS. FROM WEDNESDAY AND BEYOND, AS THE UPPER TROUGH SHOULD SHIFT EASTWARDS, THE WESTERLY VERTICAL WINDSHEAR WILL BECOME VERY UNFAVORABLE, AND THE LLCC IS LIKELY TO FILL UP RAPIDLY. THE TRACK OF THE RESIDUAL LOW SHOULD BEND WESTWARDS THURSDAY, NORTH OF 25S, STEERED BY THE SUBTROPICAL RIDGE.