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

0.A WARNING NUMBER: 21/2/20182019
1.A TROPICAL DEPRESSION 2 (EX-ALCIDE)

2.A POSITION 2018/11/11 AT 0600 UTC:
WITHIN 20 NM RADIUS OF POINT 12.5 S / 52.2 E
(TWELVE DECIMAL FIVE DEGREES SOUTH AND FIFTY TWO DECIMAL TWO DEGREES EAST)
MOVEMENT : WEST-NORTH-WEST 2 KT

3.A DVORAK ANALYSIS: NIL

4.A CENTRAL PRESSURE: 1001 HPA
5.A MAX AVERAGE WIND SPEED (10 MN): 30 KT
RADIUS OF MAXIMUM WINDS (RMW) :NIL

6.A EXTENSION OF WIND BY QUADRANTS (KM):
28 KT NE: 0 SE: 140 SW: 140 NW: 110

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 0 / 0 KM
8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION : DEEP

1.B FORECASTS:
12H: 2018/11/11 18 UTC: 12.2 S / 52.0 E, MAX WIND=030 KT, TROPICAL DEPRESSION
24H: 2018/11/12 06 UTC: 12.0 S / 51.8 E, MAX WIND=030 KT, TROPICAL DEPRESSION
36H: 2018/11/12 18 UTC: 11.5 S / 51.6 E, MAX WIND=030 KT, TROPICAL DEPRESSION
48H: 2018/11/13 06 UTC: 10.6 S / 51.0 E, MAX WIND=030 KT, TROPICAL DEPRESSION
60H: 2018/11/13 18 UTC: 9.9 S / 50.5 E, MAX WIND=025 KT, FILLING UP
72H: 2018/11/14 06 UTC: 9.8 S / 49.5 E, MAX WIND=025 KT, FILLING UP

2.B LONGER-RANGE OUTLOOK :
96H: 2018/11/15 06 UTC: 9.5 S / 47.2 E, MAX WIND=020 KT, FILLING UP

2.C ADDITIONAL INFORMATION:
SOME BURST OF CONVECTION HAVE OCCURRED WITHIN THE SOUTHERN QUADRANT FAVORED BY DIURNAL CYCLE. BUT SINCE 0400Z, DEEP CONVECTION ACTIVITY HAS DECREASED. THE CIRCULATION IS NOW EXPOSED WITH AN APPEARING EYE. LOW LEVEL CLOUDS SHOW A CENTRE WELL-DEFINED WHERE NEAR GALE FORCE WIND IS VERY LIKELY.

THE SYSTEM HAS DRIFTED WESTNORTHWESTWARDS DURING THE LAST HOURS IN A STILL WEAK ENVIRONMENTAL STEERING FLOW. EX-ALCIDE SHOULD RESUME ON A SLOW NORTH-WESTWARDS TO NORTH-NORTH-WESTWARDS TRACK UNDER THE STEERING INFLUENCE OF THE LOW LEVEL PATTERN . FROM MONDAY, THE SYSTEM COULD ACCELERATE NORTHWESTWARD.

THE ENVIRONMENT REMAINS RATHER UNFAVORABLE WITH VERY DRY AIR AT THE MID-LEVELS AND WITHOUT EQUATORWARD LOW LEVEL FEEDING. TOMORROW, THE ARRIVAL FROM SOUTHWEST OF AN UPPER LEVEL TROUGH OVER MADAGASCAR SHOULD STRENGTHEN UPPER LEVEL DIVERGENCE FAVORING BURST OF CONVECTION WITHIN THE CIRCULATION. SO, NEAR GALE FORCE WIND AT LEAST SHOULD MAINTAIN WITHIN THIS CIRCULATION OVER THE NEXT 48H. FROM WEDNESDAY, A STRONG WESTERN VERTICAL WINDSHEAR SHOULD AFFECT THE CIRCULATION THAT SHOULD DEFINITIVELY FILL UP.