

WTIO30 FMEE 230028

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

0.A WARNING NUMBER: 27/4/20182019

1.A FILLING UP 4 (EX-KENANGA)

2.A POSITION 2018/12/23 AT 0000 UTC:

WITHIN 30 NM RADIUS OF POINT 17.9 S / 77.1 E

(SEVENTEEN DECIMAL NINE DEGREES SOUTH AND SEVENTY SEVEN DECIMAL ONE DEGREES EAST)

MOVEMENT : SOUTH-WEST 5 KT

3.A DVORAK ANALYSIS: NIL

4.A CENTRAL PRESSURE: 998 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: 110 SE: 330 SW: 210 NW: 0

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1006 HPA / 900 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION : SHALLOW

1.B FORECASTS:

12H: 2018/12/23 12 UTC: 18.9 S / 75.7 E, MAX WIND=030 KT, FILLING UP

24H: 2018/12/24 00 UTC: 19.9 S / 74.8 E, MAX WIND=030 KT, FILLING UP

36H: 2018/12/24 12 UTC: 21.2 S / 74.2 E, MAX WIND=025 KT, FILLING UP

48H: 2018/12/25 00 UTC: 23.1 S / 74.0 E, MAX WIND=020 KT, DISSIPATING

2.B LONGER-RANGE OUTLOOK :

2.C ADDITIONAL INFORMATION:

THE DRY MID-LEVEL AIR DRIVEN BY A MODERATE SOUTH-WESTERLY MID-SHEAR CONSTRAINT HAS TAKEN ITS TOLL OVER KENANGA. NO THUNDERSTORM ACTIVITY HAS OCCURRED OVERNIGHT NEAR THE CENTER. SOME SCATTERED THUNDERSTORMS ARE LOCATED FAR AWAY FROM THE CENTER OVER THE EASTERN SEMI-CIRCLE. THEREFORE, THE FINAL INTENSITY IS SET AT 30 KT WITH

LOCALLY GALE FORCE WINDS STILL LIKELY IN THE SOUTH-EASTERN QUADRANT.

EX-KENANGA HAS CURVED SOUTH-WESTWARDS OVER THE NORTHWESTERN EDGE OF A WEAK LOW LEVEL SUBTROPICAL RIDGE THAT SHIFT EASTWARDS AS A BROAD TROUGH OF LOW PRESSURE IS DIGGING SOUTH OF THE MASCARENES ISLANDS. EX-KELANGA IS EXPECTED TO DISSIPATE IN THIS TROUGH WITHIN THE NEXT 48 HOURS.

UNLESS RE-INTENSIFICATION, THIS IS THE LAST ADVISORY ISSUED BY THE RSMC LA REUNION ON THIS SYSTEM. FOR FURTHER INFORMATION, PLEASE REFER TO THE DAILY BULLETIN AWIO20 FMEE AND TO THE SHIPPING BULLETIN FOR METAREA VIII(S) FQIO26 FIMP.