

WTIO30 FMEE 150030

RSMC / TROPICAL CYCLONE CENTER / LA REUNION

TROPICAL CYCLONE FORECAST WARNING (SOUTH-WEST INDIAN OCEAN)

0.A WARNING NUMBER: 26/11/20182019

1.A INTENSE TROPICAL CYCLONE 11 (IDAI)

2.A POSITION 2019/03/15 AT 0000 UTC:

WITHIN 10 NM RADIUS OF POINT 19.7 S / 34.8 E

(NINETEEN DECIMAL SEVEN DEGREES SOUTH AND
THIRTY FOUR DECIMAL EIGHT DEGREES EAST)

MOVEMENT: WEST 7 KT

3.A DVORAK ANALYSIS: 5.5/5.5/D 0.5/6 H

4.A CENTRAL PRESSURE: 960 HPA

5.A MAX AVERAGE WIND SPEED (10 MN): 90 KT

RADIUS OF MAXIMUM WINDS (RMW): 28 KM

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

28 KT NE: 190 SE: 220 SW: 220 NW: 190

34 KT NE: 140 SE: 150 SW: 150 NW: 140

48 KT NE: 90 SE: 90 SW: 90 NW: 90

64 KT NE: 60 SE: 60 SW: 60 NW: 60

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1008 HPA / 500 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION: DEEP

1.B FORECASTS:

12H: 2019/03/15 12 UTC: 19.2 S / 33.3 E, VENT MAX= 035 KT, OVERLAND DEPRESSION

24H: 2019/03/16 00 UTC: 18.7 S / 32.1 E, VENT MAX= 025 KT, OVERLAND DEPRESSION

2.B LONGER-RANGE OUTLOOK:

NIL

2.C ADDITIONAL INFORMATION:

T=CI=5.5

IDAI CLOUD PATTERN CONTINUED TO IMPROVE WHILE LANDFALLING. THE STILL WELL DEFINED EYE SHRANK AND THE CONVECTIVE BELT GOT COLDER. ON THE LAST IMAGES, CLOUD TOPS STARTED TO WARM UP DUE THE INTERACTION WITH THE LANDMASS. LANDFALL INTENSITY WAS THUS MAINTAINED TO 90KT. MOREOVER A PARTIAL SMAP SWATH SHOWED WINDS RANGING UP TO 89KT IN THE SOUTH-EASTERN QUADRANT.

A 00Z, IDAI'S EYE IS ALMOST TOTALLY OVER LAND. BEIRA IS STILL LOCATED IN THE

EYE, A DOZEN KILOMETERS FAR FROM THE CENTER IN ITS SOUTH-EAST. THE EYEWALL SHOULD REACH THE CITY IN THE NEXT MINUTES.

IDAI IS STILL AN EXTREMELY DANGEROUS TROPICAL CYCLONE . THE INHABITANTS OF THE THREATENED AREA ARE URGED TO FOLLOW OFFICIAL RECOMMENDATIONS AND MONITOR THE INFORMATION ISSUED BY THE MOZAMBICAN NATIONAL WEATHER SERVICE.

OVER THE NEXT HOURS, IDAI WILL CONTINUE TO MOVE INLAND WHILE RAPIDLY WEAKENING. IT SHOULD KEEP IT WEST-NORTH-WEST TRACK AND REACH THE BORDER WITH THE ZIMBABWE BY THE END OF THE AFTERNOON. EVEN IF THE WINDS WILL DECAY SIGNIFICANTLY, THE REMAINS OF THE CIRCULATION ARE FORECAST TO PERSIST FOR SEVERAL DAYS, BRINGING HEAVY RAINS ON THE ZIMBABWE AND THE BORDER AREA WITH MOZAMBIQUE UP TO EARLY NEXT WEEK.