



Direction Interrégionale de La Réunion  
BP 4  
97491 Ste Clotilde Cedex  
Tel: 0262 92 11 00  
Fax exploitation: 0262 92 11 48  
Fax direction: 0262 92 11 47



**METEO FRANCE**  
Toujours un temps d'avance

WTIO30 FMEE 240029

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

0.A WARNING NUMBER: 25/8/20112012

1.A INTENSE TROPICAL CYCLONE 8 (FUNSO)

2.A POSITION 2012/01/24 AT 0000 UTC:

WITHIN 5 NM RADIUS OF POINT 19.8 S / 39.3 E

(NINETEEN DECIMAL EIGHT DEGREES SOUTH AND THIRTY NINE DECIMAL THREE DEGREES EAST)

MOVEMENT : SOUTH 5 KT

3.A DVORAK ANALYSIS: 6.0/6.0/D 1.0/12 H

4.A CENTRAL PRESSURE: 936 HPA

5.A MAX AVERAGE WIND SPEED (10 MN): 105 KT

RADIUS OF MAXIMUM WINDS (RMW) :9 KM

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

28 KT NE: 310 SE: 300 SW: 90 NW: 110

34 KT NE: 200 SE: 190 SW: 70 NW: 80

48 KT NE: 50 SE: 50 SW: 50 NW: 50

64 KT NE: 30 SE: 30 SW: 30 NW: 30

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1004 HPA / 800 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION : DEEP

1.B FORECASTS:

12H: 2012/01/24 12 UTC: 21.4 S / 38.7 E, MAX WIND=110 KT, INTENSE TROPICAL CYCLONE

24H: 2012/01/25 00 UTC: 22.4 S / 38.4 E, MAX WIND=115 KT, INTENSE TROPICAL CYCLONE

36H: 2012/01/25 12 UTC: 23.1 S / 38.2 E, MAX WIND=115 KT, INTENSE TROPICAL CYCLONE

48H: 2012/01/26 00 UTC: 23.6 S / 38.3 E, MAX WIND=110 KT, INTENSE TROPICAL CYCLONE

60H: 2012/01/26 12 UTC: 24.1 S / 38.5 E, MAX WIND=105 KT, INTENSE TROPICAL CYCLONE

72H: 2012/01/27 00 UTC: 24.7 S / 38.7 E, MAX WIND=100 KT, INTENSE TROPICAL CYCLONE

2.B LONGER-RANGE OUTLOOK :

96H: 2012/01/28 00 UTC: 26.2 S / 39.3 E, MAX WIND=060 KT, SEVERE TROPICAL STORM

120H: 2012/01/29 00 UTC: 31.2 S / 42.3 E, MAX WIND=040 KT, EXTRATROPICAL SYSTEM

2.C ADDITIONAL INFORMATION:

T=6.0-, CI=6.0+

THE SYSTEM HAS CLEARLY INTENSIFY DURING THE NEXT 12 HOURS, WITH AN EYE BETTER DEFINED, ALWAYS VERY SMALL, BUT COOLER, WITHIN A COLDER CDO. THE SYSTEM SHOW ALWAYS AN INNER CORE VERY SMALL WITH LESS THAN 60 NM DIAMETER (REFER TO SSMIS 1504Z) WITH A CURVED BAND MORE THAN AN HALF-TURN.

WITHIN THE NEXT 48 HOURS, FUNSO KEEPS ON UNDERGOING THE STEERING INFLUENCE OF THE NEAR-EQUATORIAL MID-LEVEL HIGHS PROLONGATED BY A RIDGE IN THE EAST OF THE SYSTEM AND IS EXPECTED TO KEEPS ON TRACKING SOUTHWARDS.

OVER THIS TRACK, ENVIRONMENTAL CONDITIONS REMAINS FAVOURABLE FOR REGULAR FURTHER INTENSIFICATION UP TO TAU60 OVER HIGH HEAT CONTENT WATERS.

AT THE END OF THE FORECAST RANGE, SYSTEM SHOULD TRACK SOUTHEASTWARDS UNDERGOING THE STEERING INFLUENCE OF A BUILDING MID-LEVEL RIDGE LOCATED ON THE SOUTHEAST OF MADAGASCAR. IT IS EXPECTED TO TRACK OVER LESS WARM WATERS AND TO WEAKEN UNDERGOING A STRENGHTENING WESTERLY WINDSHEAR.

AVAILABLE NWP MODELS ARE NOW IN GOOD AGREEMENT TO FORECAST ALL THE TRACKS OVERSEA IN THE MIDDLE OF THE CHANNEL.

INHABITANTS OF THE CENTRAL AND SOUTHERN CHANNEL (INCLUDING EUROPA ISLAND) SHOULD CLOSELY MONITOR THE PROGRESS OF THIS SYSTEM.