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WEATHER BULLETIN FOR THE HIGH SEAS FOR METAREA VII.
ISSUED BY THE SOUTH AFRICAN WEATHER SERVICE ON THE
13TH OF MARCH 2024 AT 08:30 UTC.

FOR SOUTH-EAST SECTOR OF METAREA. VII, PREPARED BY REUNION, SEE AREA 2
BELOW.

NOTE: WX OBSERVATIONS.

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COULD ALL VESSELS EXPERIENCING UNEXPECTED, SEVERE WX/SEA STATE PLEASE
MAKE EVERY EFFORT TO REPORT THIS TO SAWS VIA CAPE TOWN RADIO.

AREA 1:

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FORECAST VALID FROM 131000 TO 141000 UTC:

WIND IN KNOTS, WAVE HEIGHTS IN METERS. NO SEA STATE GIVEN IF WAVES LESS
THAN 3M.

NOTE THE WIND SPEEDS QUOTED HERE ARE THE EXPECTED AVERAGE SPEEDS.
INDIVIDUAL GUSTS MAY EXCEED THESE VALUES BY A FACTOR OF UP TO 1.5.
WAVE HEIGHTS ARE SIGNIFICANT WAVE HEIGHTS, WHICH MAY BE ACCOMPANIED BY
INDIVIDUAL WAVES 1.5 TO 2.0 TIMES HIGHER.

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

0.A WARNING NUMBER: 19/8/20232024

1.A MODERATE TROPICAL STORM 8 (FILIPPO)

2.A POSITION 2024/03/13 AT 0600 UTC:

WITHIN 20 NM RADIUS OF POINT 26.0 S / 33.1 E

(TWENTY SIX DECIMAL ZERO DEGREES SOUTH AND

THIRTY THREE DECIMAL ONE DEGREES EAST)

MOVEMENT: SOUTH 9 KT

3.A DVORAK ANALYSIS: 2.0/2.0/S 0.0/0 H

4.A CENTRAL PRESSURE: 997 HPA

5.A MAX AVERAGE WIND SPEED (10 MN): 35 KT RADIUS OF MAXIMUM WINDS (RMW): NIL

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

28 KT NE: 270 SE: 270 SW: 0 NW: 0

34 KT NE: 140 SE: 175 SW: 0 NW: 0

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1010 HPA / 700 KM 8.A

VERTICAL EXTENSION OF CYCLONE CIRCULATION: MEDIUM

1.B FORECASTS (WINDS RADII IN KM):

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12H: 2024/03/13 18 UTC: 28.5 S / 35.3 E, VENT MAX= 045 KT, MODERATE TROPICAL STORM

28 KT NE: 360 SE: 250 SW: 155 NW: 205

34 KT NE: 185 SE: 150 SW: 100 NW: 130

24H: 2024/03/14 06 UTC: 31.3 S / 39.3 E, VENT MAX= 055 KT, SEVERE TROPICAL STORM

28 KT NE: 415 SE: 305 SW: 305 NW: 280

34 KT NE: 215 SE: 185 SW: 195 NW: 175

48 KT NE: 75 SE: 55 SW: 75 NW: 65

36H: 2024/03/14 18 UTC: 34.2 S / 44.7 E, VENT MAX= 060 KT, POST-TROPICAL DEPRESSION

28 KT NE: 500 SE: 350 SW: 295 NW: 315

34 KT NE: 260 SE: 220 SW: 195 NW: 195

48 KT NE: 85 SE: 55 SW: 75 NW: 55

48H: 2024/03/15 06 UTC: 36.7 S / 50.7 E, VENT MAX= 055 KT, POST-TROPICAL DEPRESSION

28 KT NE: 510 SE: 405 SW: 270 NW: 345

34 KT NE: 260 SE: 260 SW: 205 NW: 215

48 KT NE: 85 SE: 85 SW: 75 NW: 75

60H: 2024/03/15 18 UTC: 38.8 S / 57.0 E, VENT MAX= 045 KT, POST-TROPICAL DEPRESSION

28 KT NE: 520 SE: 370 SW: 240 NW: 415

34 KT NE: 260 SE: 230 SW: 205 NW: 270

72H: 2024/03/16 06 UTC: 40.2 S / 63.6 E, VENT MAX= 035 KT, EXTRATROPICAL DEPRESSION

28 KT NE: 465 SE: 335 SW: 215 NW: 345

34 KT NE: 220 SE: 205 SW: 185 NW: 185

2.B LONGER-RANGE OUTLOOK:

NIL

2.C ADDITIONAL INFORMATION:

T=CI=2.0

GALE FORCE WARNINGS:

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1. TRISTAN: Cyclonic 40 to 50 in the west, spreading to the east by mid-period and to the south-eastern parts by the end of the period.

2.CAPE WEST: NW 35 in the west towards mid-period.

3. CAPE EAST: SE 35 to 45 in places in the central by the second half of

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the period.

4. DURBAN EAST: Cyclonic 35 to 45 in the north-west spreading south-eastwards where it will reach 55 towards the end of the period.
5. MOZAMBIQUE CHANNEL: Cyclonic 35 to 45 in the extreme south-west reaching in the first half of the period.
6. MARION FORTIES EAST: NW to W 35 to 45 in the west towards mid-period where it will further reach 50 in the south towards the of the period.

SYNOPTIC CHART 06:00Z

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High 1020 hPa 37s24e High 1020 hPa 35s13e.
Low 994 hPa 40s02w.

1. Cold Front: 39s41e 44s50e into 45s45e.

AREA FORECAST:

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ASCENSION (06S/15S, 00E/20W):

WIND : SE to E 10 to 15.
VIS : Good.

ANGOLA (06S/15S, 00E/WEST COAST):

WIND : S to SE 05 to 15 but SW 05 to 15 in the east.
VIS : Good.

ST HELENA (15S/30S, 00E/20W):

WIND : SW 10 to 20 in the extreme south-west in the first half of the period, otherwise E to SE 10 to 20 but NW to W 15 to 25 in the south-central.
VIS : Moderate to poor in showers and rain in the south-west, otherwise good.

SEA STATE: 3.0 to 3.5m in the south-west, with NW swell.

TRADES (15S/30S, 00E/WEST COAST):

WIND : S to SE 10 to 20 reaching 25 to 30 in the south-east.
VIS : Good.
SEA STATE: 3.0m in the south-east, with S swell.

TRISTAN (30S/40Se, 00E/20W):

WIND : Cyclonic 20 to 30 reaching 40 to 50 in the west, spreading to the east by mid-period and to the south-eastern parts by the end of the period, otherwise N to NE 5 to 15 in the east at first but SE 10 to 20 in the west by the end of the period.
VIS : Moderate to poor in showers and rain in the west, spreading to



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the east from the evening, otherwise good.

SEA STATE: 4.0 to 5.0m, reaching 7.0m to 8.0m in the west spreading to the east by in the morning where it will subside to 4.5 to 5.5m, with cyclonic swell.

CAPE WEST (30S/40S, 00E/20E):

WIND : Anticyclonic 05 to 15, becoming NW 10 to 20 in the west by the second half of the period, reaching 35 towards mid-period.

VIS : Good, but moderate in showers in the extreme south-west towards mid-period.

SEA STATE: 3.0 to 3.5m in the south-east, SW swell, becoming 3.0 to 4.0m in the extreme south-west towards the end of the period, with NW swell.

CAPE EAST (32.5S/40S, 20E/50E):

WIND : W to SW 15 to 25 in the west, otherwise SE 10 to 20 reaching 35 to 45 in places in the central by the second half of the period, but N to NW 15 to 25 in the east reaching 30 in the south-eastern parts for the second half of the period.

VIS : Good in the south-west, otherwise moderate in showers and thundershowers.

SEA STATE: 3.0 to 3.5m, reaching 4.5m in the south-east at first, becoming 5.5 to 6.5m in the north-central towards the end of the period, SW swell, but SE north-central towards the end of the period.

DURBAN EAST (32.5S/25S, EAST COAST/55E):

WIND : S to SE 10 to 20 in the south-west in the first half of the period, otherwise NE to E 15 to 25 but cyclonic 35 to 45 in the north-west spreading south-eastwards where it will reach 55 towards the end of the period.

VIS : Good in the east, otherwise moderate to poor in showers and thundershowers.

SEA STATE: 3.5 to 4.5m reaching 5.5 to 6.5m in the west where it will further reach 7.5m towards the end of the period, SW swell but cyclonic in the west.

MOZAMBIQUE CHANNEL:

WIND : E to SE 05 to 15 in the extreme north at first, otherwise N to NE 15 to 25 but cyclonic 20 to 30 in the extreme south-west reaching 35 to 45 in the first half of the period. It will become SW 05 to 15 in the south-west towards the end of the period.

VIS : Moderate to poor in showers and thundershowers in places at times.

SEA STATE: 3.5 to 4.5m in the extreme south-west, with S to SW swell.

MADAGASCAR EAST:

WIND : E to SE 10 to 20 but NE to E 15 to 25 in the south.

VIS : Moderate in showers and thundershowers in places at times.



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MARION FORTIES EAST (40S/50S, 35E/50E):

WIND : SW to 05 to 15 in the north-east in the first half of the period, otherwise NW to W 20 to 30 reaching 35 to 45 in the west towards mid-period where it will further reach 50 in the south towards the of the period.

VIS : Good over the western parts for the first half of the period, otherwise moderate in showers and rain.

SEA STATE: 3.5 to 4.5m, reaching 5.5 in the extreme north-east in the first half of the period, becoming 5.5 to 6.5m in the west towards mid-period, S to SW swell but NW swell in the north-east at first, becoming W to SW by the west in the second half of the period.

AREA 2:

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MARINE METEOROLOGICAL BULLETIN FROM METEO-FRANCE/LA REUNION ON AREA ACK
(AMSTERDAM-CROZET-KERGUELEN)

DATE: 24/03/13 at 0500UTC

AVERAGED WIND SPEED ON BEAUFORT SCALE. (Wind gusts may be about 40% stronger than the averages given here.).

PART 1: WARNING :

Gale force 8 over CRO and KER.

PART 2: GENERAL SYNOPSIS, 24/03/13 at 0000 UTC :

High 1024hPa near 34S/58E moving eastward.

Frontal trace over east AMS leaving the zone at the beginning.

Cold front CF over west CRO moving eastward.

PART 3: FORECAST FOR 24 HOURS from 13/03/24 at 0600 UTC to 14/03/24 at 0600UTC :

WAM (30S/40S,50E/65E) :

Light showers more frequent in the south-west at the end.

WIND :North half: anticlockwise 2/4, increasing Northerly 4/5 at the end.

South half: Northwesterly 4 to 6 from north to south.

SEA: rough, very rough in the far south. SW swell 2/4m.VISI : poor under precipitation.

AMS (30S/40S,65E/80E) :

Rain and showers over the Eastern zone at first.WIND :

North half: variable anticlockwise 2/3, but Westerly 3/4 in the south at first.



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South half: South to Southwesterly 3/4, then temporarily variable 2/3 and setting up by the west at night North-westerly 4 to 6 from north to south. SEA : moderate to rough, becoming rough, locally very rough over South area. SW swell 2/4m on the southwest half generalizing to the area. VISI : poor under precipitation.

CRO (40S/50S,50E/65E) :

Rain and frontal showers CF.WIND :

North half : NW 6/7 with strong gusts, reaching 8 near the front, decreasing W 4/5 behind.

Southern half: North to Northwest 5/6 with the front, backing later Westerly 5/6 locally 7 behind, but Easterly to Northeasterly 3/5 over the south area. SEA: very rough, high in the south-east at first, becoming rough in the west at the end. SW swell 4/6m, abating by the west. VISI : poor to very poor under precipitation.

KER (40S/50S,65E/80E) :

Rain and frontal showers CF.WIND :

North half ; Westerly 4/5, increasing later NW 6/7 with strong gusts with front, locally reaching 8, decreasing at the end W 5/6 over west behind.

Southern half: Westerly 5/6, locally 7 in the south-east, becoming later clockwise by the west during the night with at end Westerly 6/7 in the north and Easterly 3/4 in the south. SEA: very rough, high in the south-west at first. Westerly swell 4/6m. VISI : poor to very poor with precipitation.

