

WTIO30 FMEE 240647

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

0.A WARNING NUMBER: 21/11/20252026

1.A INTENSE TROPICAL CYCLONE 11 (HORACIO)

2.A POSITION 2026/02/24 AT 0600 UTC:

WITHIN 20 NM RADIUS OF POINT 22.5 S / 64.2 E

(TWENTY TWO DECIMAL FIVE DEGREES SOUTH AND  
SIXTY FOUR DECIMAL TWO DEGREES EAST)

MOVEMENT: SOUTH-SOUTH-WEST 10 KT

3.A DVORAK ANALYSIS: 5.0/6.0/W 1.0/6 H

4.A CENTRAL PRESSURE: 954 HPA

5.A MAX AVERAGE WIND SPEED (10 MN): 95 KT

RADIUS OF MAXIMUM WINDS (RMW): 22 KM

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

28 KT NE: 205 SE: 230 SW: 215 NW: 140

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

48 KT NE: 110 SE: 110 SW: 90 NW: 75

64 KT NE: 65 SE: 65 SW: 55 NW: 45

7.A FIRST CLOSED ISOBAR (PRESSURE / AVERAGE DIAM): 1008 HPA / 700 KM

8.A VERTICAL EXTENSION OF CYCLONE CIRCULATION: DEEP

1.B FORECASTS (WINDS RADII IN KM):

12H: 2026/02/24 18 UTC: 24.9 S / 64.7 E, VENT MAX= 075 KT, TROPICAL CYCLONE

28 KT NE: 260 SE: 250 SW: 215 NW: 185

34 KT NE: 155 SE: 155 SW: 130 NW: 100

48 KT NE: 85 SE: 100 SW: 85 NW: 65

64 KT NE: 65 SE: 55 SW: 55 NW: 45

24H: 2026/02/25 06 UTC: 28.0 S / 66.0 E, VENT MAX= 065 KT, TROPICAL CYCLONE

28 KT NE: 305 SE: 285 SW: 270 NW: 215

34 KT NE: 185 SE: 185 SW: 155 NW: 120

48 KT NE: 85 SE: 95 SW: 85 NW: 65

64 KT NE: 65 SE: 45 SW: 55 NW: 45

36H: 2026/02/25 18 UTC: 30.6 S / 67.4 E, VENT MAX= 060 KT, POST-TROPICAL  
DEPRESSION

28 KT NE: 335 SE: 325 SW: 280 NW: 220

34 KT NE: 185 SE: 195 SW: 165 NW: 120

48 KT NE: 85 SE: 95 SW: 85 NW: 65

48H: 2026/02/26 06 UTC: 32.0 S / 68.5 E, VENT MAX= 055 KT, POST-TROPICAL DEPRESSION  
28 KT NE: 280 SE: 370 SW: 295 NW: 250  
34 KT NE: 165 SE: 230 SW: 185 NW: 120  
48 KT NE: 75 SE: 95 SW: 85 NW: 55

60H: 2026/02/26 18 UTC: 31.8 S / 68.2 E, VENT MAX= 045 KT, POST-TROPICAL DEPRESSION  
28 KT NE: 260 SE: 370 SW: 305 NW: 250  
34 KT NE: 155 SE: 230 SW: 185 NW: 120

72H: 2026/02/27 06 UTC: 32.3 S / 66.6 E, VENT MAX= 040 KT, POST-TROPICAL DEPRESSION  
28 KT NE: 260 SE: 260 SW: 195 NW: 205  
34 KT NE: 155 SE: 155 SW: 120 NW: 85

#### 2.B LONGER-RANGE OUTLOOK:

96H: 2026/02/28 06 UTC: 35.2 S / 67.9 E, VENT MAX= 035 KT, POST-TROPICAL DEPRESSION  
28 KT NE: 280 SE: 220 SW: 185 NW: 205  
34 KT NE: 165 SE: 120 SW: 0 NW: 0

120H: 2026/03/01 06 UTC: 37.4 S / 73.4 E, VENT MAX= 030 KT, EXTRATROPICAL DEPRESSION  
28 KT NE: 215 SE: 240 SW: 0 NW: 165

#### 2.C ADDITIONAL INFORMATION:

T=5.0 CI=6.0-

OVER THE LAST 6 HOURS, HORACIO'S CLOUD PATTERN HAS DETERIORATED WITH A SHRINKING CDO AND WARMING CLOUD TOPS. AMSU METOP MICROWAVE IMAGES SHOW A WEAKNESS IN THE NORTHERN EYE WALL. THIS DEVELOPMENT IS PROBABLY RELATED TO THE INCREASE OF THE DEEP NORTHWESTERLY SHEAR, FAVORING DRY AIR INTRUSION. EARLY MORNING, BUOY 6801801 MEASURED A MINIMUM PRESSURE CLOSE TO 952 HPA, PASSING IN THE IMMEDIATE VICINITY OF THE CENTER. IN LIGHT OF THESE DATA, THE INTENSITY AT 00Z WAS ADJUSTED DOWNWARD TO 105 KT. FOR 06Z, IN LINE WITH THESE OBSERVATIONS AND THE LATEST DVORAK SUBJECTIVE ANALYSES, THE INTENSITY OF HORACIO IS ESTIMATED AT 95KT.

HORACIO'S TRACK IS EXPECTED TO GRADUALLY CURVE SOUTHWARD THEN SOUTH-SOUTHEASTWARD BETWEEN TUESDAY AND WEDNESDAY, ON THE WESTERN EDGE OF A SUBTROPICAL RIDGE AND AHEAD OF AN UPPER TROUGH APPROACHING FROM THE SOUTHWEST. BETWEEN THURSDAY AND FRIDAY MORNING, THE TEMPORARY STRENGTHENING OF A LOW TO MID-TROPOSPHERE RIDGE SOUTH OF THE SYSTEM SHOULD MAKE IT SLOW DOWN AND CAUSE A TEMPORARY WESTWARD TURN. AS THIS RIDGE MOVES AWAY TO THE EAST, MOVEMENT SHOULD RESUME TOWARD THE SOUTHEAST OVER THE WEEKEND, BETWEEN A RIDGE STRENGTHENING TO THE NORTHEAST AND ALONG THE EDGE OF THE MID-LATITUDE WESTERLIES.

REGARDING THE INTENSITY FORECAST, ENVIRONMENTAL CONDITIONS WILL

GRADUALLY DETERIORATE, WITH AN INCREASING SHEAR PARTIALLY OFFSET BY A VERY GOOD UPPER DIVERGENCE WITH AN OUTFLOW CHANNEL TO THE SOUTHEAST. THE INTENSITY SHOULD GRADUALLY WEAKEN. ON WEDNESDAY, UNDER THE EFFECT OF A STRONG INCREASE IN NORTHWESTERLY SHEAR ON THE EDGE OF THE TROUGH WEST OF THE SYSTEM, HORACIO COULD LOSE SOME OF ITS TROPICAL FEATURES. OCEANIC POTENTIAL SHOULD ALSO BEGIN TO DECREASE, FAVORING A DECREASE IN CONVECTIVE ACTIVITY. THE TEMPORARY DECREASE IN SHEAR ON FRIDAY IS NOT EXPECTED TO ALLOW FOR RENEWED INTENSIFICATION DUE TO EXCESSIVELY COLD SURFACE WATERS. THE SYSTEM SHOULD DEFINITELY WEAKEN OVER THE WEEKEND, EVOLVING INTO AN EXTRA-TROPICAL DEPRESSION.

IMPACTS ON INHABITED LANDS :

RODRIGUES : SEA CONDITIONS IMPROVING.