



MONTHLY CLIMATE BULLETIN AUGUST 2025

1. Introduction

This bulletin provides a synthesis of the prevailing climate conditions over Mahe, Praslin, and La Digue during August 2025. Rainfall deficits have persisted since April and continued into the current period, with most areas of Mahe, Praslin, and La Digue remaining notably dry. Nonetheless, localized improvements were observed in parts of northwestern and western Mahe, where rainfall conditions shifted to normal to above-normal levels.

El Niño Southern Oscillation (ENSO) neutral conditions were observed during August 2025. The Indian Ocean Dipole (IOD) shifted from a neutral state to a negative phase during August 2025. The MJO index propagated from phase 8 through phase 3 during early-to-mid August but was weak during the end of the month.

2. Monthly Rainfall Performance in August 2025

2.1 Distribution of Rainfall for August 2025

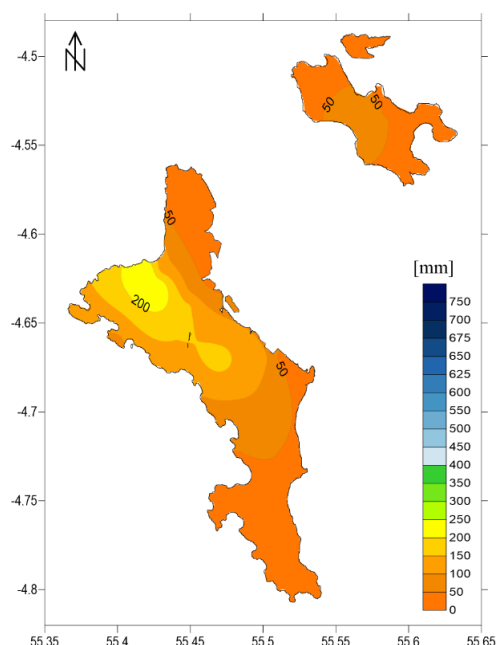


Figure 1: Monthly total rainfall in mm during August 2025

Figure 1 presents the spatial distribution of total rainfall across Mahe and Praslin for August 2025.

Over Mahe, rainfall totals ranged from 27.9 mm to 252.2 mm, with the maximum observed at Bel Ombre station and the minimum at Machabee station. Totals below 50 mm were recorded across much of northern Mahe, pockets of eastern Mahe, and the southern part of the island. Elsewhere, rainfall ranged between 50 mm and 252.2 mm. Rainfall gradually decreased moving away from the north-west toward the south and the north.

On Praslin and La Digue, rainfall totals varied between 24.6 mm and 76.5 mm. The highest total on Praslin was registered at Vallée-de-Mai Shelter station (76.5 mm), while on La Digue the maximum was observed at La Digue Bellevue station. Over Praslin, rainfall totals of 50-76.5 mm were recorded in the central part of the island. Values below 50 mm were registered elsewhere. Similarly, rainfall across La Digue remained largely below 50 mm.



2.2 Monthly rainfall anomaly and Percentage of normal rainfall during August 2025

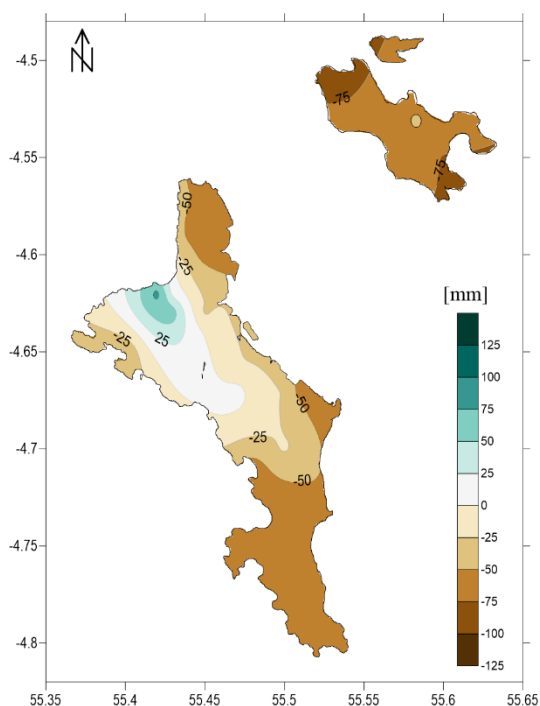


Figure 2: Monthly rainfall anomaly in mm during August 2025

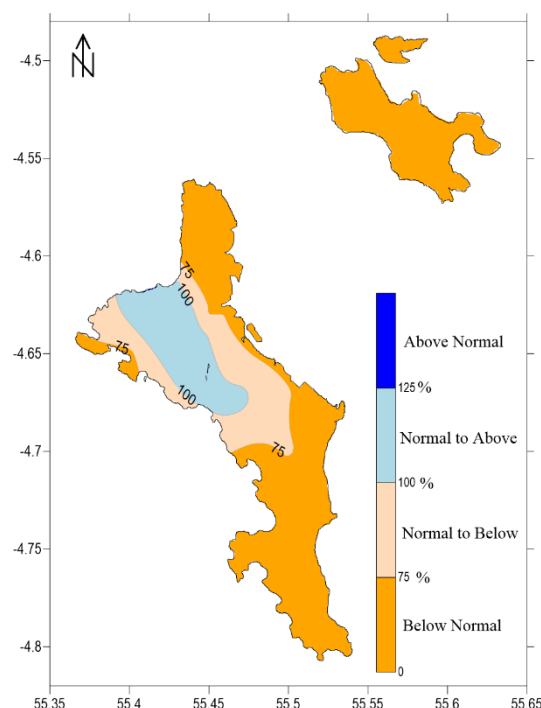


Figure 3: Percent of normal rainfall during August 2025

Figure 2 presents rainfall anomalies over Mahe and Praslin for August 2025. Negative anomalies were observed across most of Mahe, except in parts of the northwest and west where positive anomalies were recorded. Deficits exceeding -50 mm were registered in the north, in pockets of the east, and across the southern areas of the island. On Praslin, negative anomalies dominated, ranging from -56 mm to -94 mm.

Figure 3 shows rainfall conditions over Mahe and Praslin. Both islands were largely dominated by below-normal conditions. However, normal to above-normal rainfall was depicted in some areas of the northwest and parts of the west of Mahe. Below-normal conditions were observed in the northern areas of Mahe, along the coastal fringe of the central and eastern Mahe, in the southern part of the east Mahe, in the south, and in pockets of the western fringe of the island.

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Elsewhere, normal to below-normal rainfall prevailed. At La Digue, Curieuse Island and Denise Island, rainfall total were below the long-term mean (Figure 4).

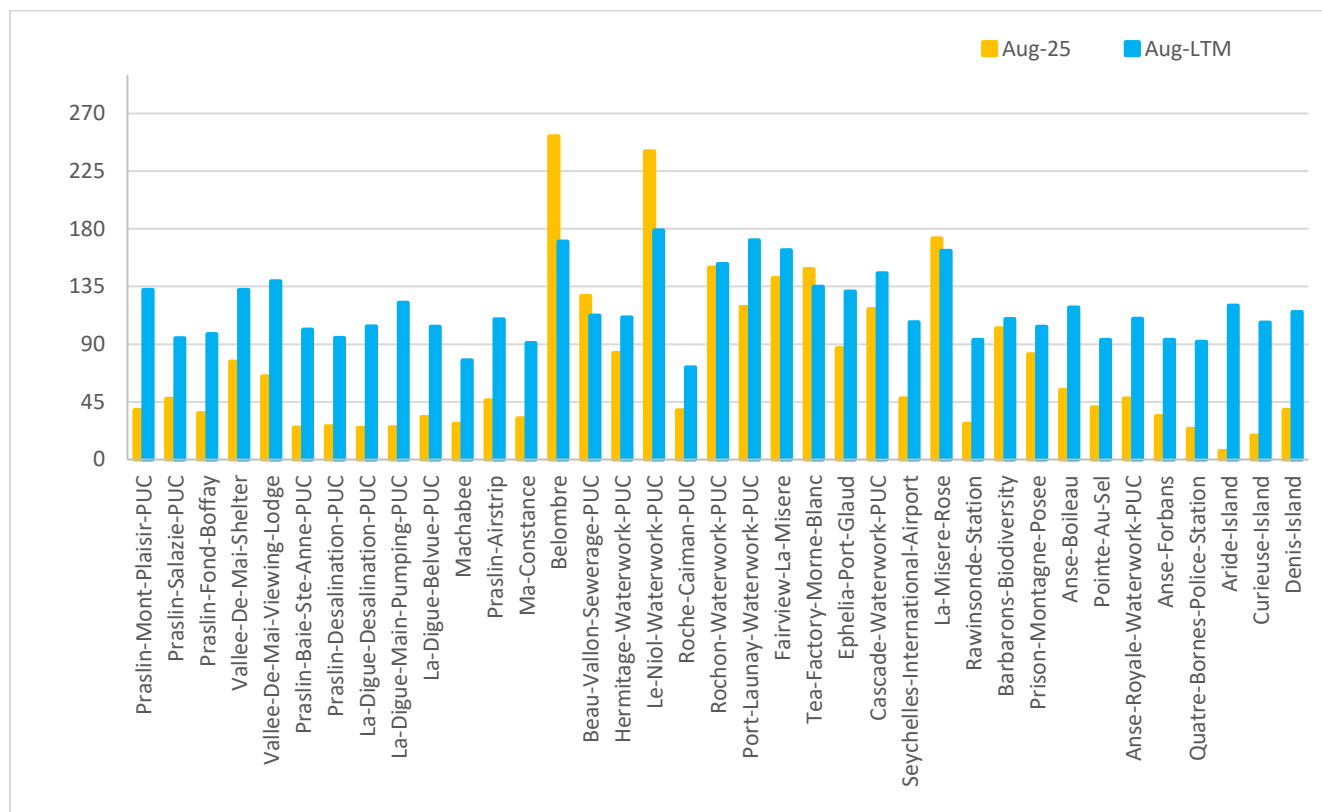


Figure 4: August 2025 rainfall total against August Long Term Mean (LTM)

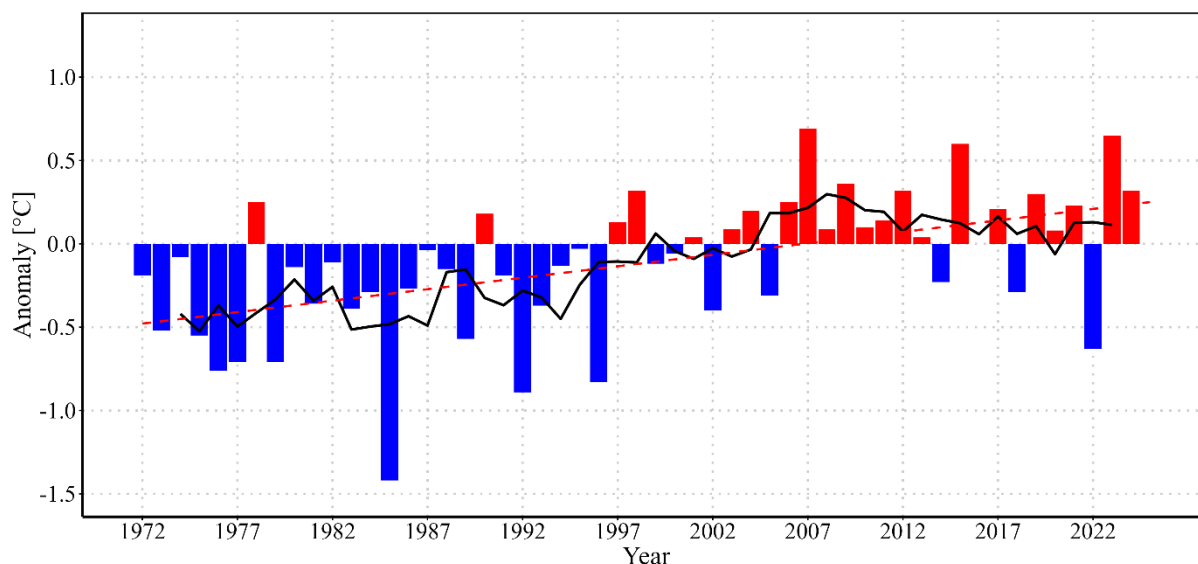
3. Mean temperature anomaly - August 2025

The mean air temperature at Seychelles International Airport in August 2025 was 26.6 °C. This indicates that August 2025 was near the climatological value for the month.



August Mean Temperature Anomalies - 1972 to present

— 5-Year Running Mean - Trend Line

*Figure 5: Mean temperature anomalies*

4. Daily weather for August 2025 at Seychelles International Airport

4.1. Daily rainfall, relative humidity, maximum and minimum temperature in August 2025

At Seychelles International Airport, a total of 48.7 mm of rainfall was recorded in August 2025. This was below the climatological value for the month (114.9mm). The highest daily total was 7.6 mm, observed on 5th August. A total of 27.1 mm fell in the first dekad (1–10 August). Only 6.9 mm was recorded in the second dekad (11–20 August). The third dekad (21–31 August) received 14.4 mm. This indicates that most of the rainfall was concentrated in the first part of the month.

A dry spell of 12 consecutive days occurred from 14th to 25th August. Here, a dry day is defined as one with less than 1 mm of rainfall. A dry spell refers to a period of consecutive dry days.

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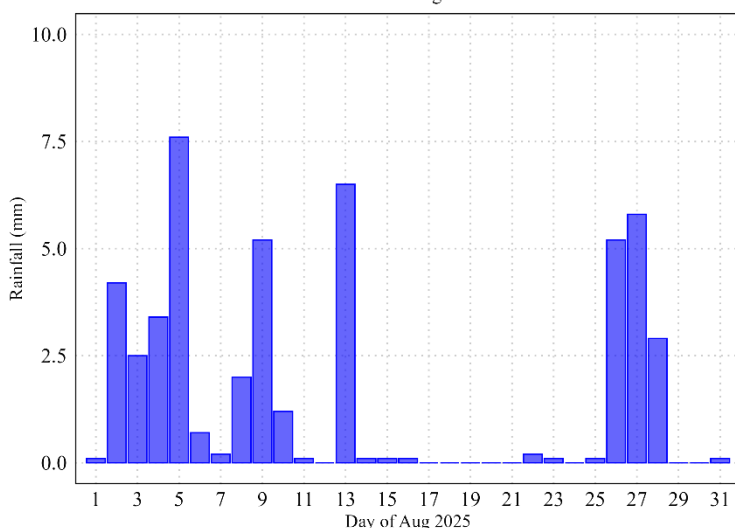
E-mail: info@meteo.sc Web: www.meteo.sc**MONTHLY CLIMATE BULLETIN****SMA/CLI/FM/011****Created by : T. Nomenjanahary****Revision Number : 0 (NEW)****Page 5 of 8**

Relative humidity during August ranged from 75% to 87%. The monthly mean was 81%, which was slightly above the 1991–2020 climatological average. The lowest value occurred on 4th August, while the highest was observed on 26th August.

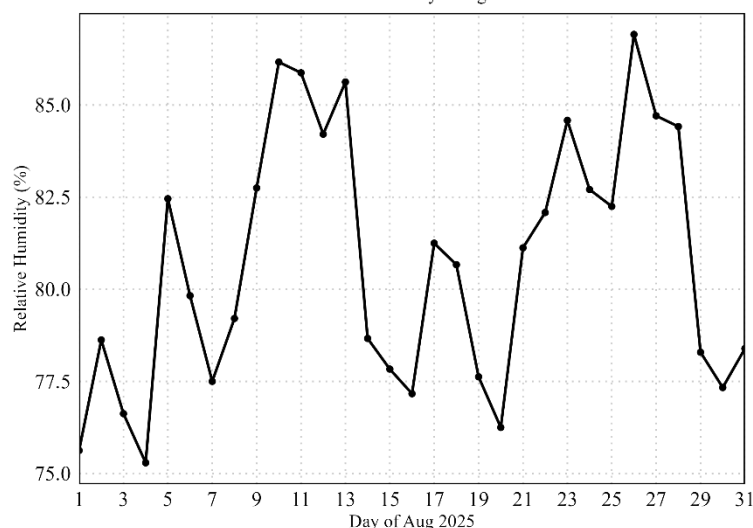
The maximum temperatures ranged between 27.5°C and 29.9°C. The highest daily maximum was 29.7°C, recorded on two consecutive days (16th and 17th August). The lowest maximum temperature occurred on 6th August. The monthly average maximum temperature was 28.8°C, near the climatological normal.

Minimum temperatures ranged from 23.3°C to 25.1°C. The lowest value occurred at the start of the month, while the highest was recorded on 18th August and again on two consecutive days toward the end of the month. From 1st to 24th August, minimum temperature increased gradually from 23.3°C to 25.1°C. It then fell to 23.7°C between 24th and 28th August, before rising again to 25.1°C at the end of the month. The monthly mean minimum temperature was 24.3°C, slightly above the climatological normal.

Rainfall - Aug 2025



Relative Humidity - Aug 2025



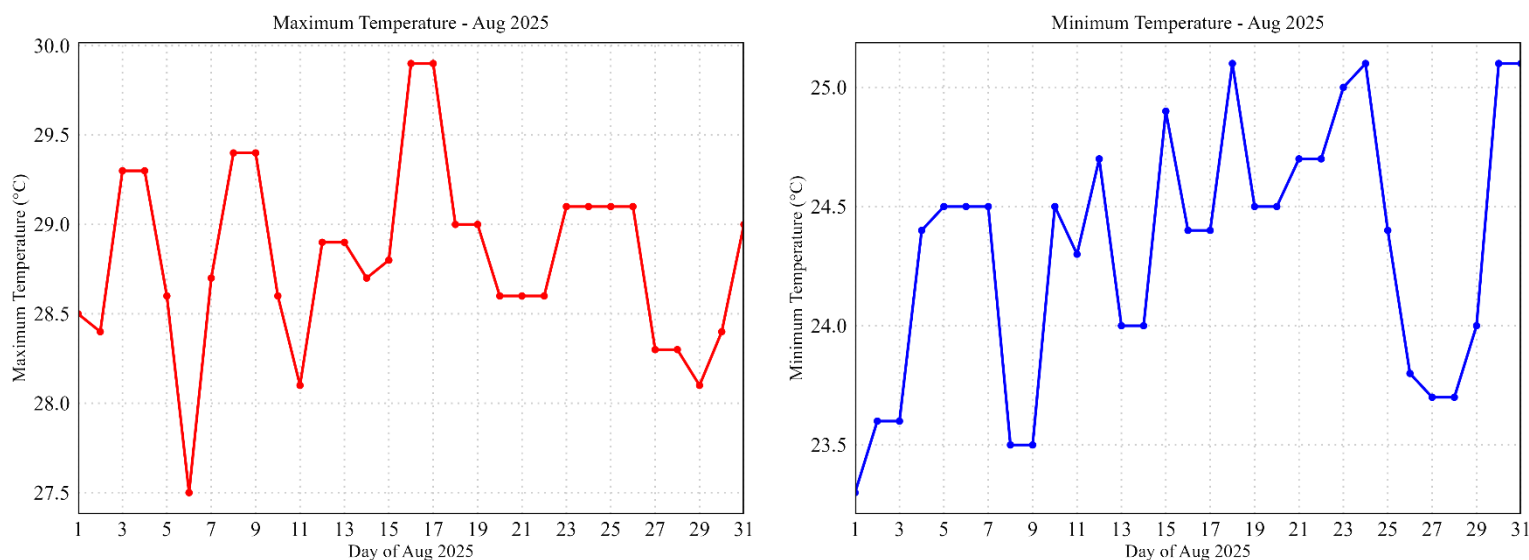


Figure 6: Daily rainfall, Relative humidity, Maximum temperature, Minimum temperature in August 2025

4.2. Daily Sunshine hours, Mean Sea level pressure and surface wind in August 2025

In August 2025, wind speeds at Seychelles International Airport ranged from 6.7 to 15.6 knots. The highest daily average wind speed was recorded on 29th August. On the same day, the highest wind gust was also observed, reaching 36.7 knots. During the last six days of the month, daily average wind speeds were consistently above 11 knots. The monthly mean wind speed was 10 knots, slightly below the climatological normal of 11.7 knots for August.

The mean sea-level pressure for the month was 1012.5 hPa. A gradual increase was observed from 7th August to the end of the month. Values varied between 1010 hPa and 1015 hPa.

The average daily sunshine duration in August 2025 was 8.2 hours. The highest value was recorded on 21st August, with 11.1 hours. Sunshine lasted less than 4 hours on 6th, 10th, and 26th August.

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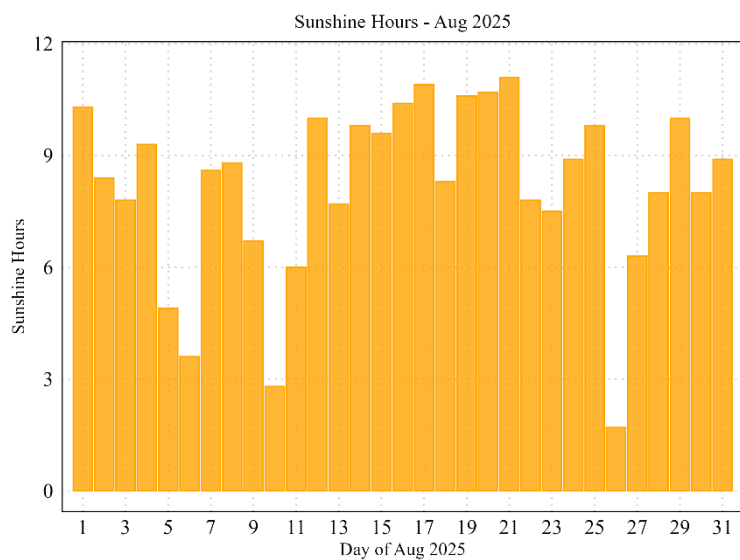
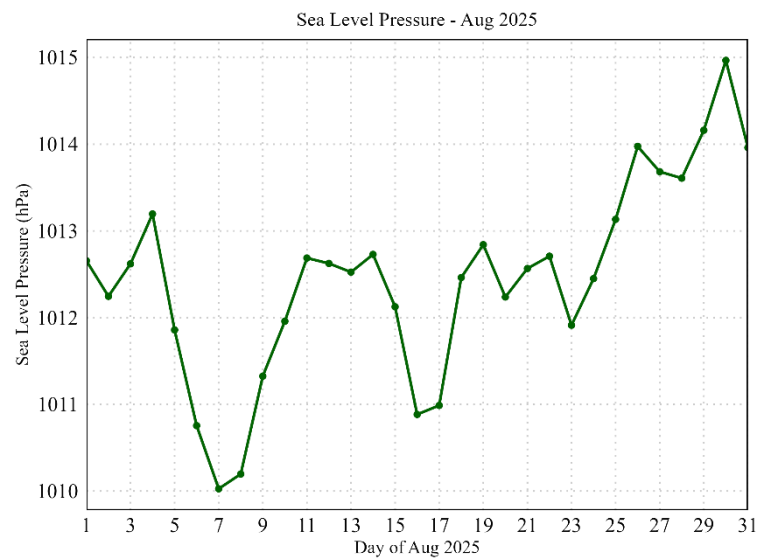
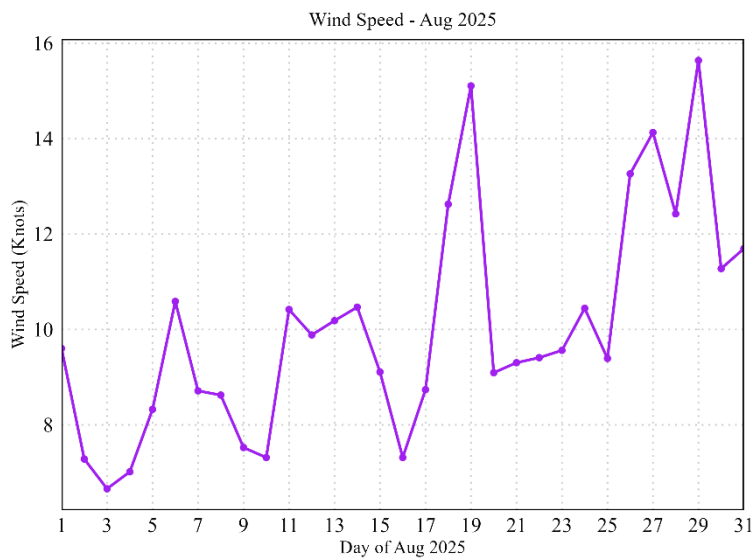


Figure 7: Daily Wind speed, Sea Level pressure, sunshine hours in August 2025



4.3. Wind Pattern in August 2025

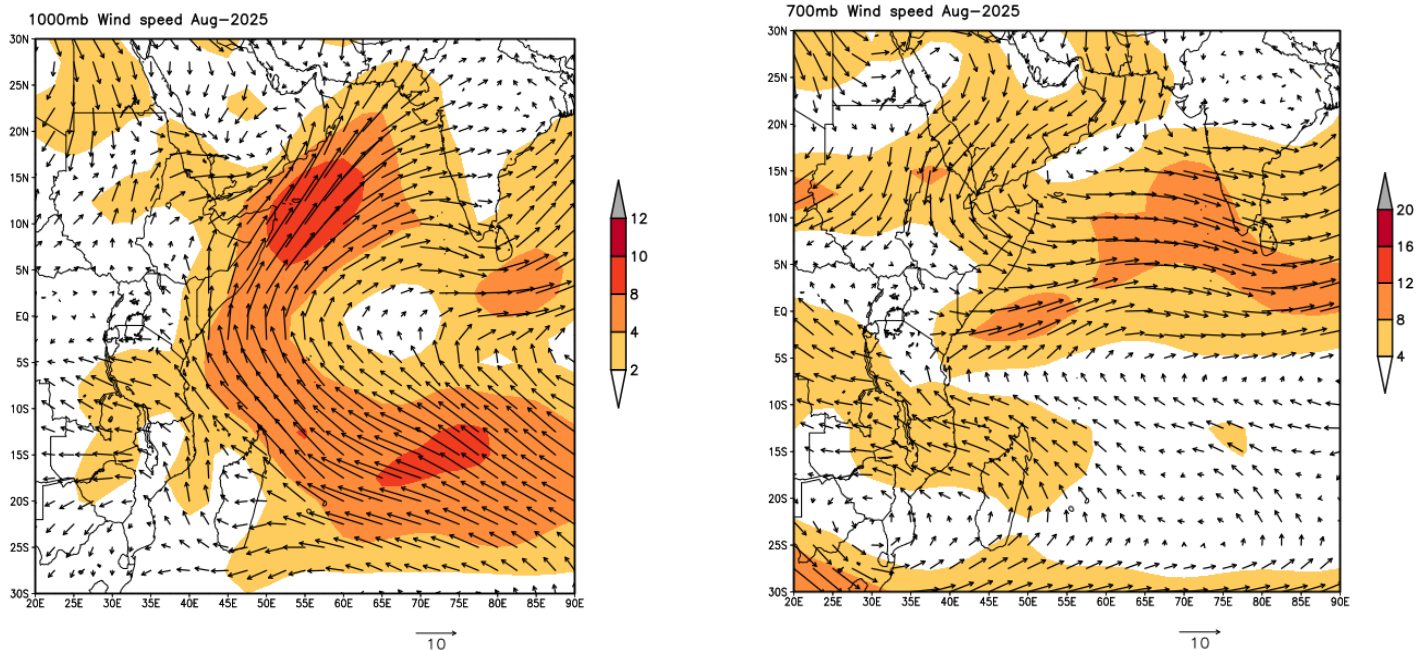


Figure 8: Surface wind flow (left) and wind flow at 700mb (right)

Figure 8 presents the wind vector fields at 1000 hPa and 700 hPa over the western Indian Ocean for August 2025. The basin is in a winter circulation pattern. The month is characterized by a dominant south-easterly low-level flow over Mahe, Praslin, and La Digue.

At 1000 hPa, wind speeds were ranged between 4 and 8 $\text{m}\cdot\text{s}^{-1}$ in the sector of the western Indian Ocean adjacent to Mahe. In August, the center of the Mascarene High was positioned between 25°S–35°S and 45°E–90°E, with a central pressure of approximately 1023 hPa.

At 700 hPa, winds remained predominantly south-westerly over Mahe, Praslin, and La Digue, with speeds also ranging from 4 to 8 $\text{m}\cdot\text{s}^{-1}$.