SEYCHELLES METEOROLOGICAL AUTHORITY
Seychelles International Airport
P O Box 1604, Victoria, Mahé, Republic of Seychelles
Telephone: (248) 4670700/711 /718
E-mail: info@meteo.sc Web: www.meteo.sc

MONTHLY CLIMATE BULLETIN NOVEMBER 2025

1. Introduction

This bulletin provides a synthesis of the prevailing climate conditions over Mahe, Praslin, and La Digue during November 2025. Rainfall deficits have persisted since April and continued through November. As a result, notably dry conditions prevailed across most areas of Mahe, Praslin, and La Digue. However, localized improvements in rainfall conditions were observed in pockets of the northern and northwestern parts of Mahe. La Nina conditions persisted during November 2025, with below-average sea surface temperatures strengthening across the central and eastern equatorial Pacific Ocean. Meanwhile, the negative phase of the Indian Ocean Dipole remained active but continued to weaken after late October. The Madden-Julian Oscillation (MJO) index propagated from phases 5 through 7 during November 2025.

2. Monthly rainfall performance in November 2025

2.1 Distribution of rainfall for November 2025

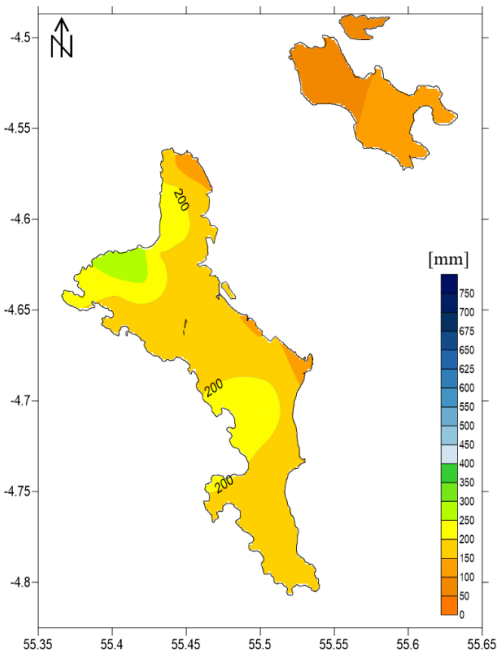


Figure 1: Monthly total rainfall in mm during November 2025

Figure 1 shows the spatial distribution of total rainfall across Mahe and Praslin for November 2025. Over Mahe, rainfall totals ranged from 123.3 to 300.3 mm. The maximum value was recorded at Bel Ombre station, while the minimum was measured at the Rawinsonde station. Rainfall totals between 123.3 and 200 mm were recorded over most areas of northeastern Mahe, across the eastern and southern parts of Mahe, and over the central part of the western side of the island. Elsewhere across Mahe, rainfall amounts generally ranged from 200 to 300.3 mm.

Over Praslin and La Digue, rainfall totals generally ranged from 69.6 to 145.4 mm. The maximum value over Praslin was recorded at the Praslin Desalination station, while the maximum over La Digue was observed at the La Digue Desalination station. Rainfall totals over Praslin decreased from the eastern to the western parts of the island. La Digue generally recorded higher rainfall totals than Praslin.

2.2 Monthly rainfall anomaly and percentage of normal rainfall during November 2025

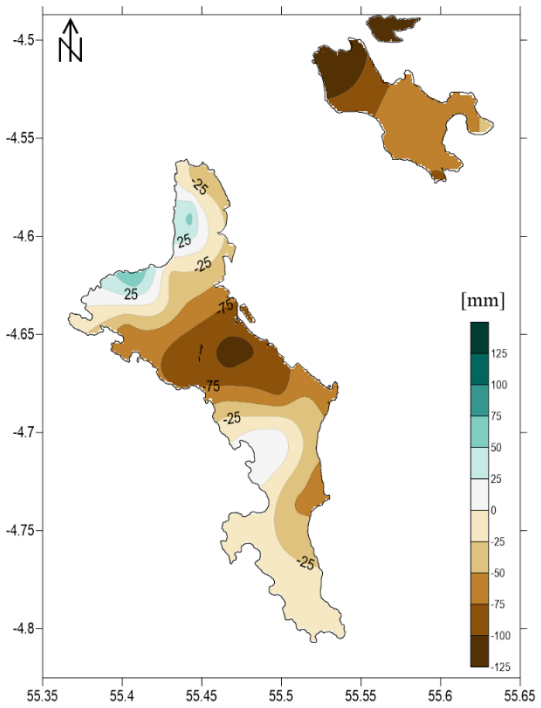


Figure 2: Monthly rainfall anomaly in mm during November 2025

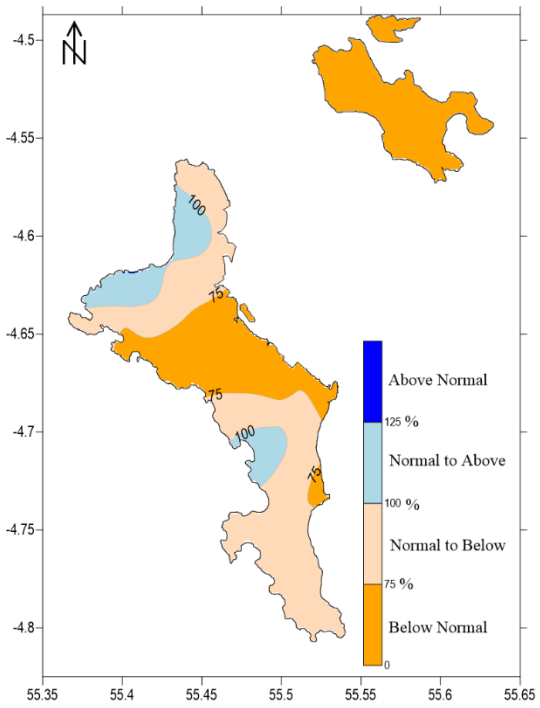


Figure 3: Percent of normal rainfall during November 2025

Figure 2 presents rainfall anomalies over Mahe and Praslin for November 2025. Negative rainfall anomalies were observed across most of Mahe, except for localized pockets in the northern and northwestern parts of the island, as well as a small area in the southern portion of the western region of Mahe. Rainfall deficits were also observed over Praslin and La Digue (see Fig. 4 for La Digue). Across Mahe, rainfall deficits ranged from -12.9 to -110.5 mm, while deficits over Praslin and La Digue ranged from -15.3 to -15.0 mm.

Figure 3 shows rainfall conditions over Mahe and Praslin. Both islands were predominantly characterized by near-normal to below-normal rainfall conditions. Normal to below-normal rainfall was observed across most areas of northern and southern Mahe. Exceptions were noted in localized pockets in the northern and northwestern of Mahe, as well as in a small area in the

southern portion of the western region of Mahe, where normal to above-normal rainfall conditions were recorded. Elsewhere, below-normal rainfall conditions prevailed, including over Praslin.

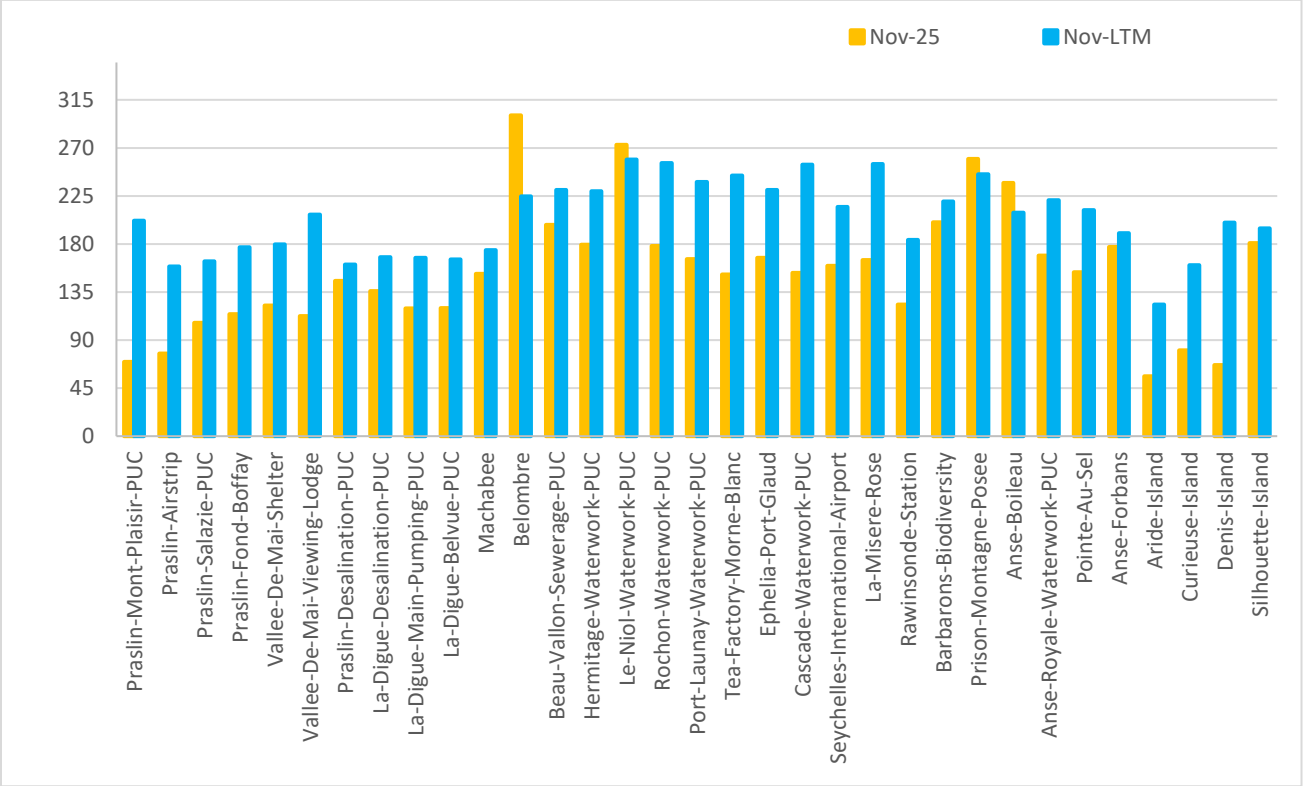


Figure 4: November 2025 rainfall total against November Long Term Mean (LTM)

3. Mean temperature anomaly - November 2025

The mean air temperature recorded in November 2025 was 27.7°C, representing a positive anomaly of +0.14°C relative to the 1991-2020 reference period. This indicates that mean temperatures during the month were slightly warmer than the climatological normal (Figure 5).

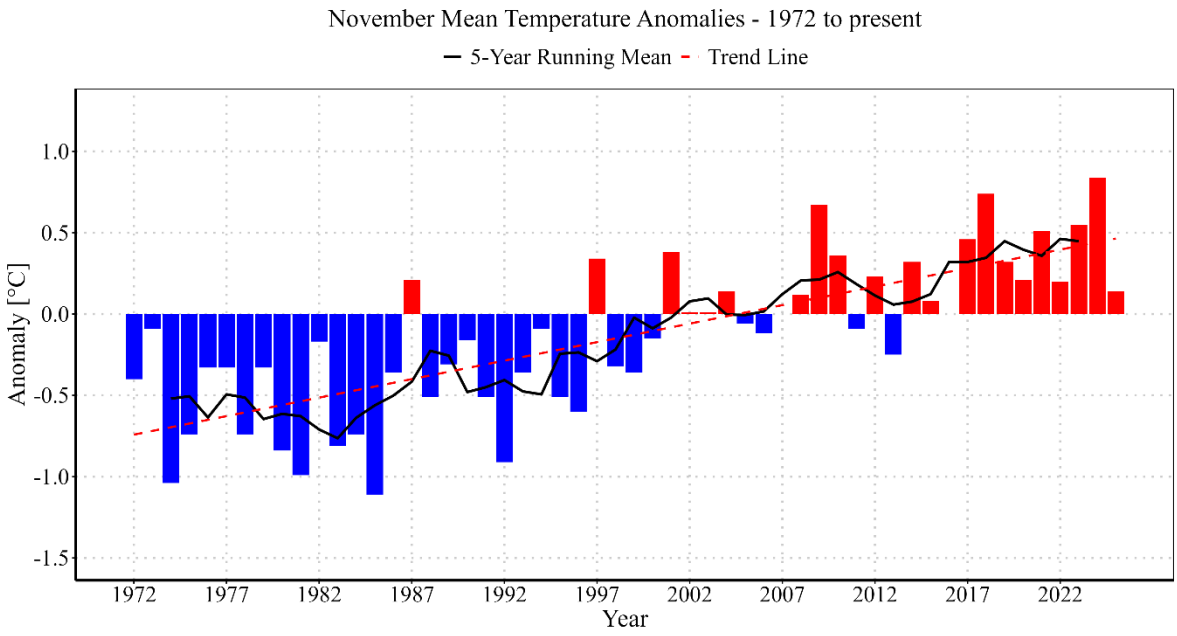


Figure 5: Mean temperature anomalies relative to the 1991-2020 reference period. Note: Anomalies refer to deviations from the mean or average temperatures. Positive anomalies (in red bars) imply that temperatures were warmer than average while negative anomalies (in blue bars) imply that temperatures were cooler than average.

4. Daily weather for November 2025 at Seychelles International Airport

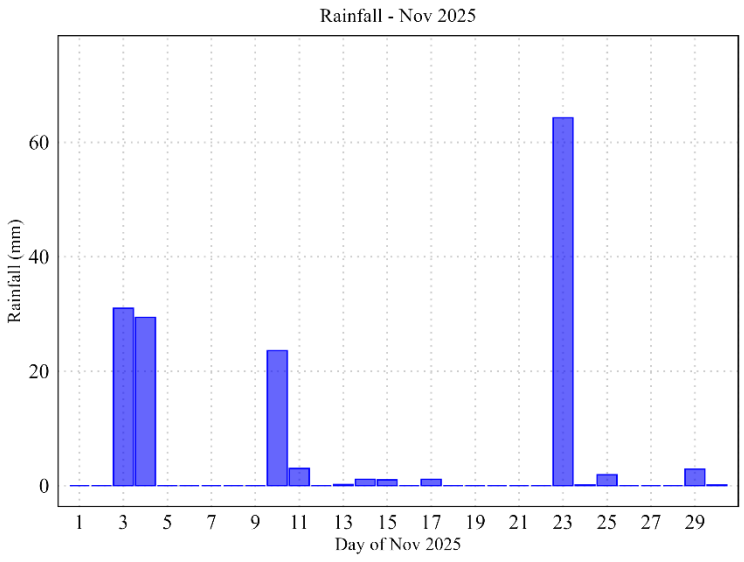
4.1. Daily rainfall, relative humidity, maximum and minimum temperature in November 2025

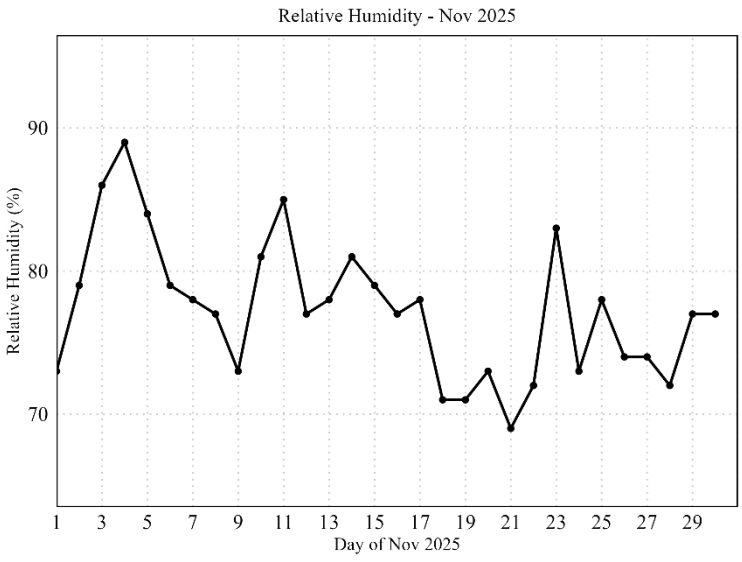
At Seychelles International Airport, a total of 159.5 mm of rainfall was recorded in November 2025. This amount was well below the climatological mean for the month (214.9 mm). The highest daily rainfall total was 64.3 mm, recorded on 23rd November. Rainfall during the first dekad (1-10 November) was 84.0 mm, while only 6.4 mm was recorded during the second dekad (11-20 November). A total of 69.1 mm fell during the third dekad (21-30 November). Most of the monthly rainfall occurred during the first dekad. Two dry spells, each consisting of five consecutive dry days, were recorded from 5th to 9th November and from 18th to 22nd November. A dry day is defined as a day with less than 1 mm of rainfall, while a dry spell refers to a sequence of consecutive dry days.

Relative humidity during November ranged from 69% to 89%. The monthly mean relative humidity was 77%, slightly lower than the 1991-2020 climatological average. The lowest relative humidity was recorded on 21st November, while the highest value occurred on 4th November. A slight overall decrease in relative humidity was observed during the month.

Maximum temperatures ranged from 29.7°C to 32.6°C. The highest daily maximum temperature (32.6°C) was recorded during the first two days of the month, while the lowest maximum temperature occurred on 29th November. The monthly mean maximum temperature was 31.0°C, slightly above the climatological normal.

Minimum temperatures ranged from 22.2°C to 25.6°C. The highest minimum temperature was recorded on 2nd November. The lowest minimum temperatures occurred on 5th and 16th November, followed by values of 23.2°C on 23rd and 24th November. The monthly mean minimum temperature was 24.4°C, slightly below the climatological normal.





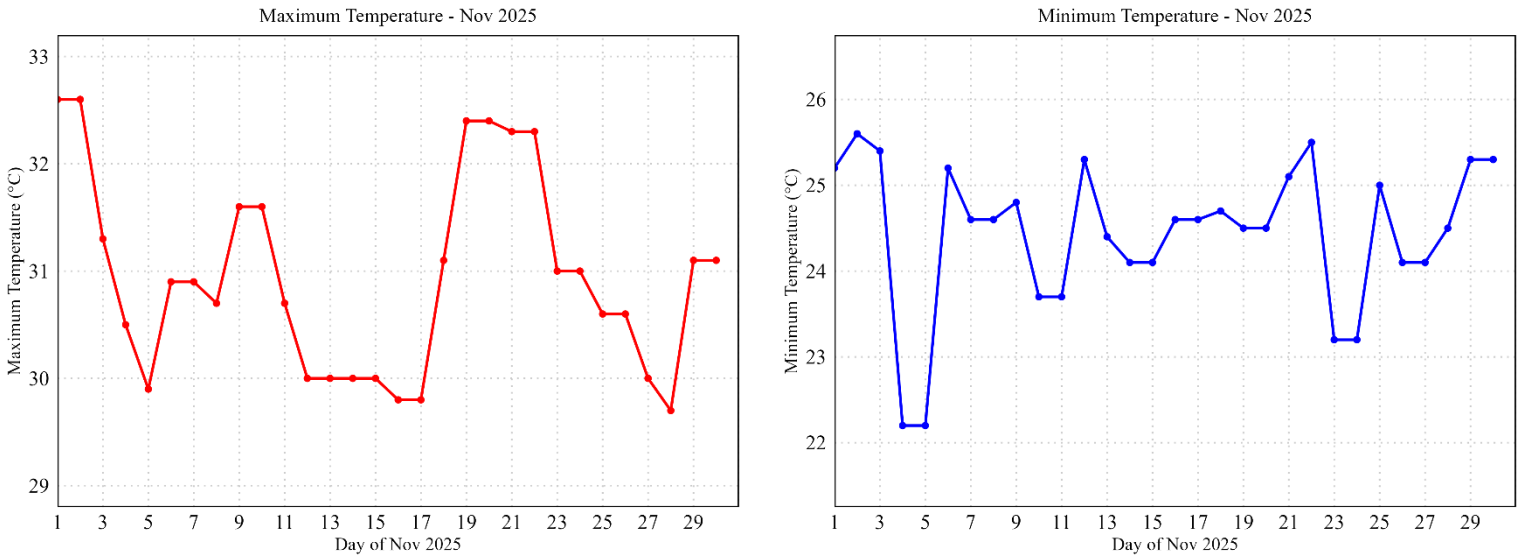


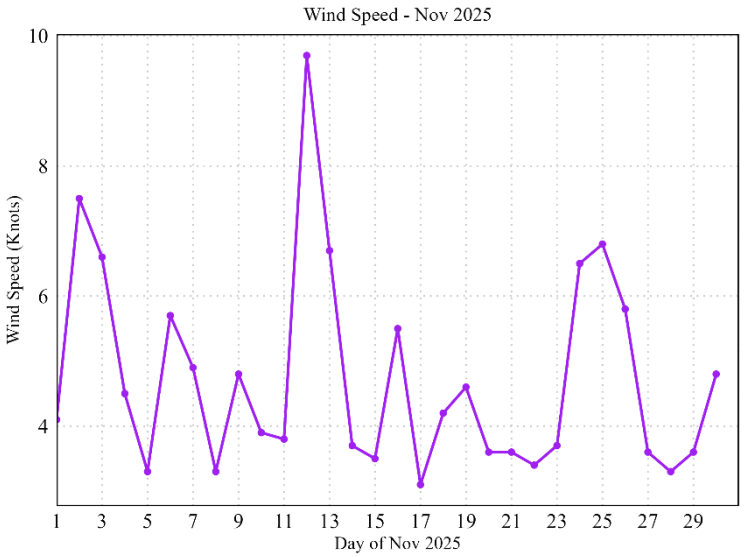
Figure 6: Daily rainfall, Relative humidity, Maximum temperature, Minimum temperature in November 2025

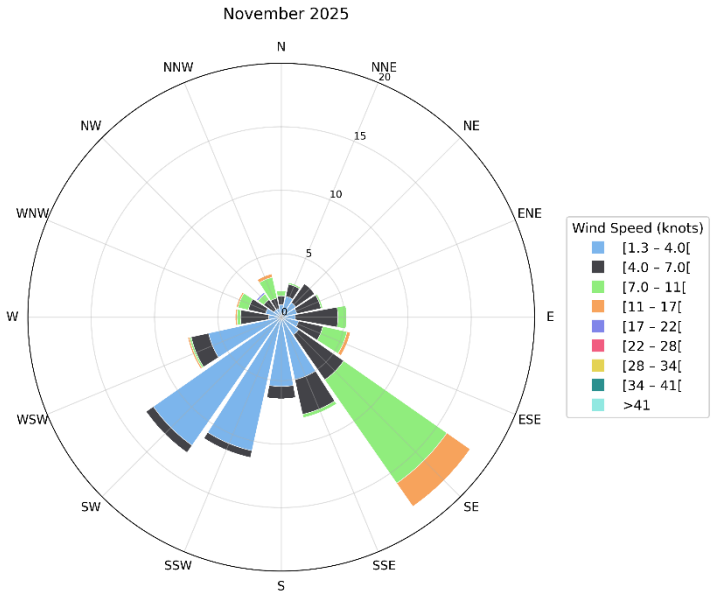
4.2. Daily sunshine hours, Mean Sea level pressure and surface wind in November 2025

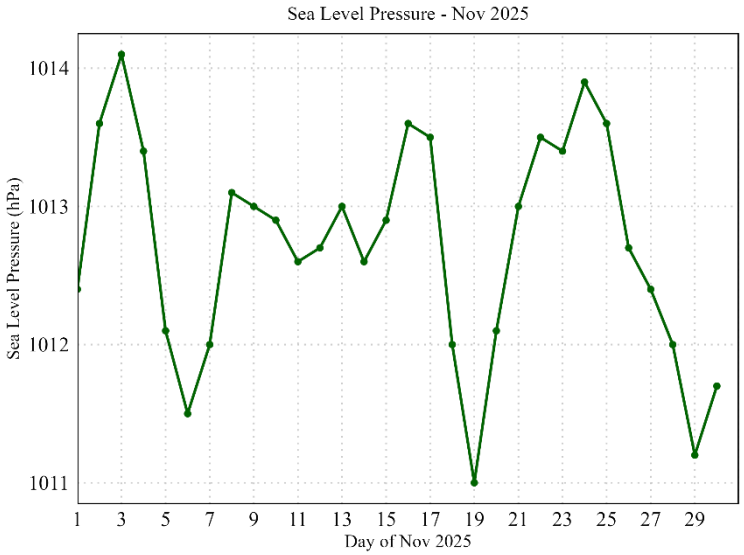
In November 2025, wind speeds at Seychelles International Airport ranged from 3.1 to 9.7 kt. The highest daily mean wind speed occurred on 12th November. The monthly mean wind speed was 4.7 kt, slightly below the November climatological normal of 5.5 kt. The strongest wind gust was recorded on 4th November, reaching 24 kt, followed by a gust of 22 kt observed toward the end of the month. Wind directions at the airport varied from easterly to west southeasterly, with southeasterly winds being the predominant flow during the month.

Mean sea level pressure ranged from 1011.0 to 1014.1 hPa, with a monthly mean of 1012.7 hPa. This value was slightly above the climatological normal for November.

The average daily sunshine duration for November 2025 was 7.5hours, exceeding the climatological mean of 6.8 hours. The highest daily sunshine total (11.4 hours) was recorded on 19th October, while less than 3 hours of sunshine was observed on 4th, 5th, and 30th November.







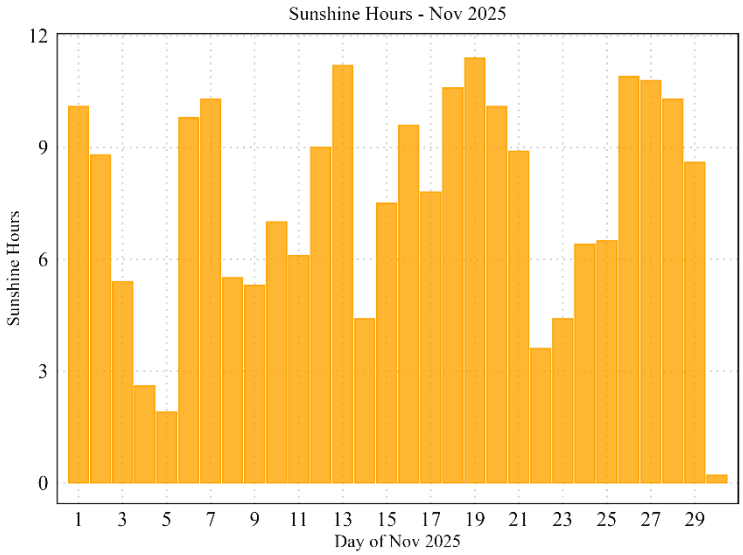


Figure 7: Daily wind speed, wind direction, Sea Level pressure, sunshine hours in November 2025

4.3.Wind Pattern in November 2025

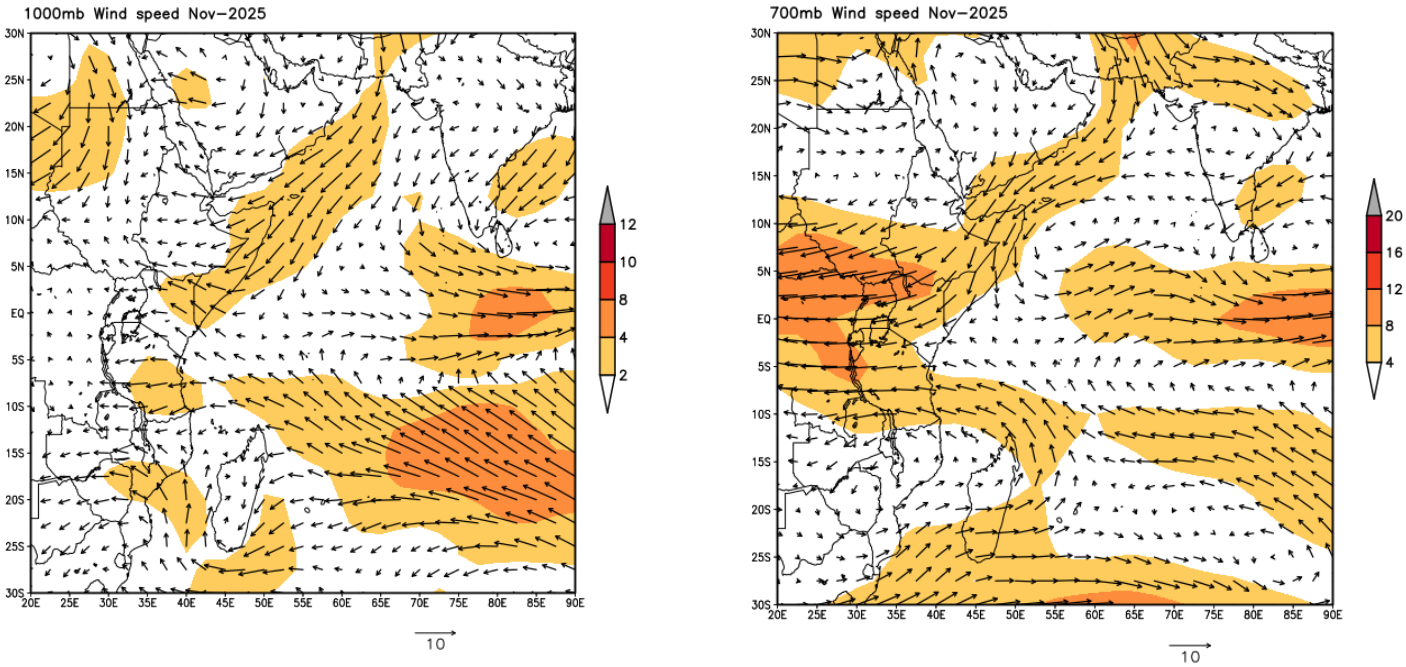


Figure 8: Surface wind flow (left) and wind flow at 700mb (right)

Figure 8 presents the wind vector fields at 1000 hPa and 700 hPa over the western Indian Ocean for November 2025. At low levels (1000 hPa), the flow over Mahe, Praslin, and La Digue was predominantly south-easterly. The Mascarene High was centered at approximately 33°S and 95°E, with a mean central pressure exceeding 1020 hPa.

Within the region extending from 5°N to 5°S and 60°E to 100°E, situated in the East of Mahe, the low-level circulation was characterized by westerlies wind. Wind speeds in this area ranged from 2 to 12 m.s^{-1}. The wind patterns over the Indian Ocean indicate a Near-Equatorial Trough (NET) configuration east of 60°E.

At 700 hPa, winds over Mahe, Praslin, and La Digue were predominantly southerly and relatively weak, with speeds generally below 4 m.s^{-1}. In contrast, east of Mahe, between approximately 4°N-4°S and 55°E-100°E, westerly winds persisted at mid-levels. The wind speeds varied from 4 to 12 m.s^{-1}. Between about 6°S and 12°S in the South of Mahe, the flow at 700 hPa was mainly easterly. Wind speeds were approximately 3 to 8 m.s^{-1}.