



## MONTHLY CLIMATE BULLETIN APRIL 2026

### 1. Introduction

The bulletin presents a summary of the prevailing climate conditions across Mahe, Praslin, and La Digue during April 2026. This month is climatologically recognized as the monsoon reversal period, marking the transition from the Northwest Monsoon to the Southeast Monsoon over Seychelles. The observed rainfall conditions during this month were generally characterized by improvement across Mahe and Praslin while below-normal rainfall conditions were observed over La Digue, Denis, Curieuse, and Silhouette Islands. Further, the Mean air temperatures across the islands remained slightly above the 1991-2020 climatological normal. On the climate drivers, the El Niño-Southern Oscillation (ENSO) remained in a neutral phase during April 2026, with near-average sea surface temperatures (SSTs) across the east-central equatorial Pacific Ocean. The Indian Ocean Dipole (IOD) also remained neutral. At the same time, the Madden Julian Oscillation (MJO) was particularly active during the month and likely contributed to enhanced convective activity across Mahe and Praslin, particularly during the last dekad of April.

### 2. Monthly rainfall performance in April 2026

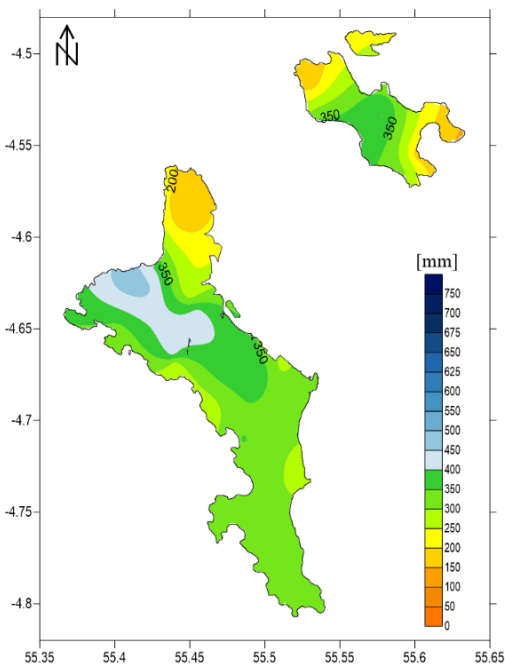


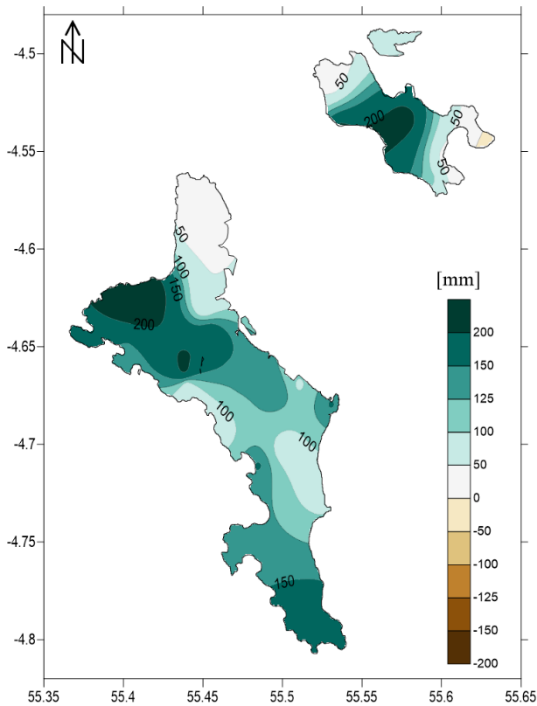
Figure 1: Monthly total rainfall in mm during April 2026

Figure 1 illustrates the spatial distribution of total rainfall across Mahe and Praslin during April 2026. Monthly rainfall accumulation over Mahe ranged from 169.8 mm to 492.3 mm. The lowest monthly total was recorded at Machabee (169.8 mm), while the highest accumulation was observed at Bel Ombre (492.3 mm), followed by Le Niol with 458.0 mm. In general, the northwestern and parts of the western regions of Mahe received higher rainfall accumulations, ranging between 350 mm and 493 mm while the eastern and southern parts of Mahe recorded totals between 250 mm and 350 mm respectively. Further, a pronounced decrease in rainfall accumulation was evident over the northern tip of Mahe, where totals declined to approximately below 170 mm. Over Praslin, April rainfall totals ranged between 167.5 mm and 403.6 mm, with the highest accumulation recorded at Praslin Salazie and the lowest at Mont Plaisir. Therefore, the spatial distribution portrayed a gradual decrease in rainfall from the central parts of the island towards the northwestern and southeastern of Praslin. Meanwhile, La Digue received approximately 169 mm of rainfall during April 2026.

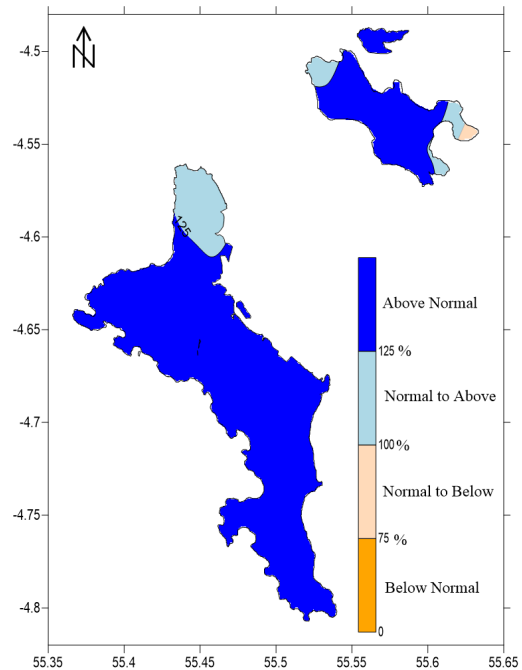


**2.1 Distribution of rainfall for April 2026**

**2.2 Monthly rainfall performance, anomaly and percentage of normal rainfall during April 2026**



*Figure 2: Monthly rainfall anomaly in mm during April 2026*



*Figure 3: Percent of normal rainfall during April 2026*

Figure 2 presents the spatial distribution of rainfall anomalies across Mahe and Praslin during April 2026. Positive rainfall anomalies (enhanced rainfall, shown in green) were observed across Mahe, with anomalies ranging from 4 mm to 278 mm. Enhanced Rainfall exceeding 150 mm was generally concentrated over the northwestern, parts of the western, and portions of the southern regions of Mahe. Elsewhere across the island, rainfall anomalies ranged between 4 mm and 150 mm. Over Praslin, positive rainfall anomalies also dominated during April 2026 with enhanced Rainfall ranging from 8 mm to 227 mm. The highest positive anomalies mainly concentrated over the central parts of the Praslin Island.

Figure 3 shows the spatial distribution of rainfall categories and their associated percentages. across Mahe and Praslin during April 2026. Rainfall conditions over both Mahe and Praslin



were predominantly above normal during the month. Exceptions were observed over the extreme northern parts of Mahe, the portions of the northwestern and southeastern regions of Praslin which experienced normal to above-normal rainfall conditions.

Figure 4 below shows that rainfall over La Digue was below the long-term average for April while rainfall conditions over Curieuse, Denis, and Silhouette islands were above the respective long-term monthly averages.

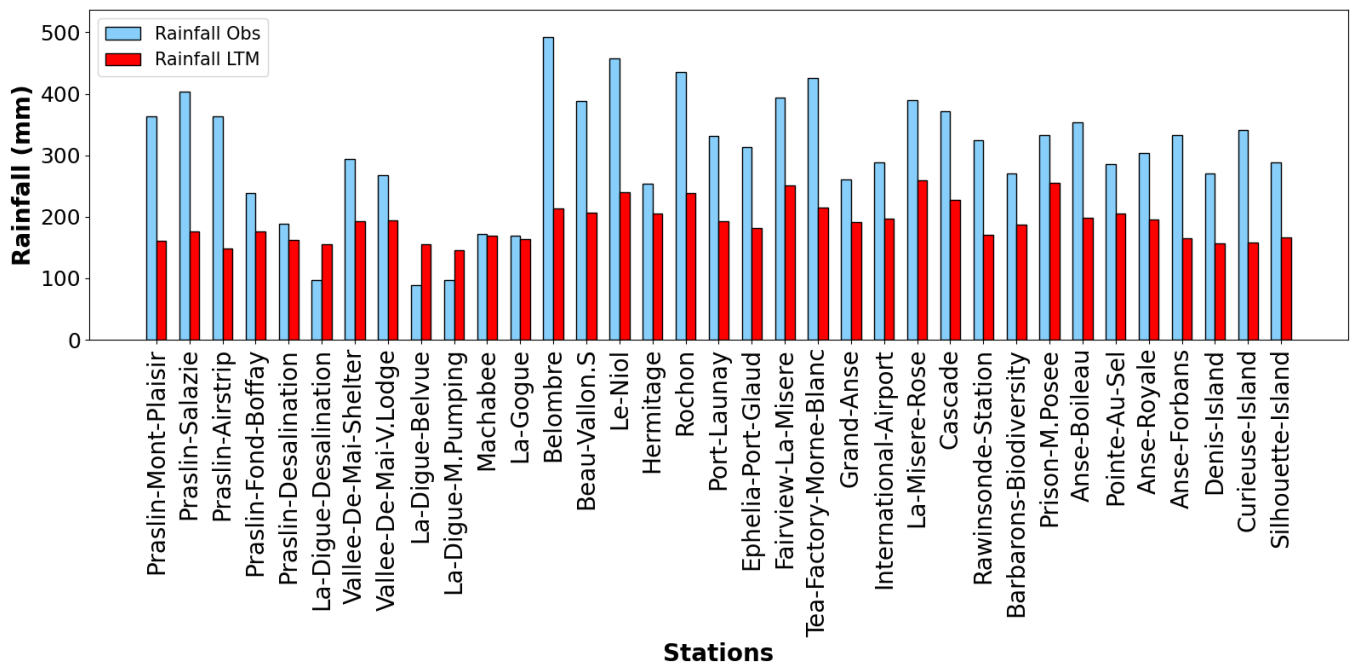


Figure 4: April 2026 rainfall total against April Long Term Mean (LTM)

### 3. Mean temperature anomaly - April 2026

The mean air temperature observed in April 2026 was 28.8 °C, corresponding to a positive anomaly of +0.12 °C relative to the 1991-2020 Climatological reference period. This indicates that mean temperatures during the month were slightly above the climatological normal. The frequent occurrence of warmer-than-normal mean temperature pattern has been observed during the month of April at Seychelles International Airport in the recent years 2012 to 2026.

Refer to Figure 5 for detailed analysis.

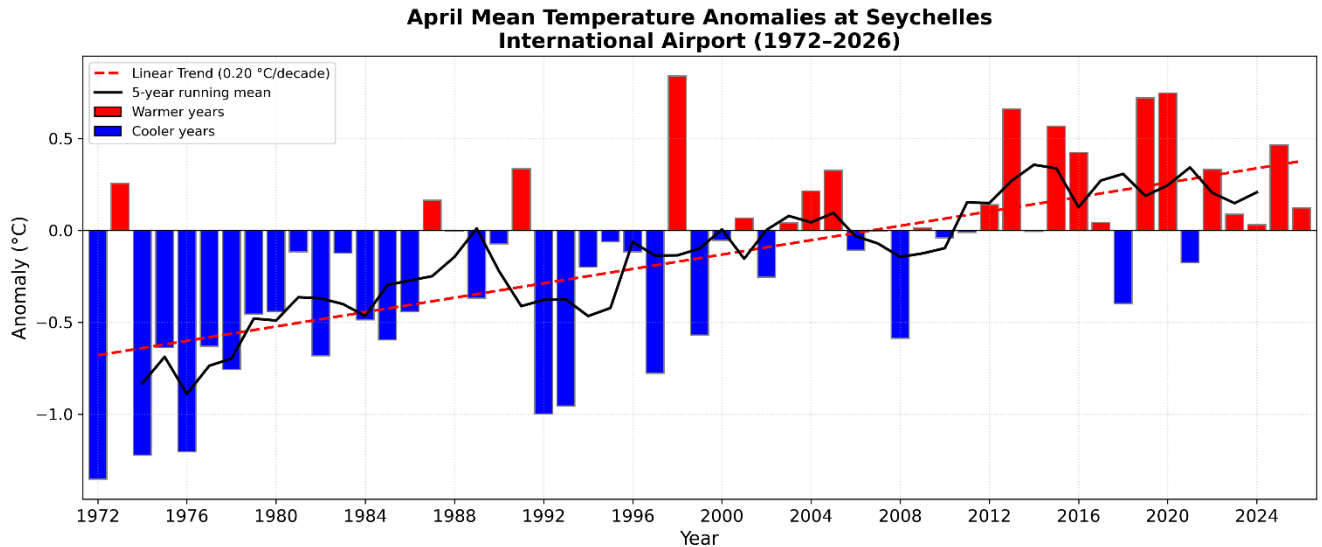


Figure 5: Mean temperature anomalies relative to the 1991-2020 reference period. *Note:* Anomalies refer to deviations from the mean or average temperatures. Positive anomalies (in red bars) imply that temperatures were warmer than average while negative anomalies (in blue bars) imply that temperatures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

#### 4. Daily weather for April 2026 at Seychelles International Airport

##### 4.1. Daily rainfall, relative humidity, maximum and minimum temperature in April 2026

At the Seychelles International Airport, a total rainfall of 289.2 mm was recorded during April 2026. This amount was above the climatological normal of 196.3 mm for the month. Rainfall distribution by dekad showed that 33.8 mm was recorded during the first dekad (1-10 April), 46.2 mm during the second dekad (11-20 April), and 209.2 mm during the third dekad (21-30 April). The temporal distribution indicates a marked increase in rainfall amounts from the first to the last dekad, with approximately 72% of the monthly rainfall total occurring during the third dekad of the month. Further analysis shows that the highest daily rainfall amount of the month was recorded on 25<sup>th</sup> April, with 94.8 mm. The second-highest daily rainfall total, amounting to 81.0 mm, was observed on 21<sup>st</sup> April. Both rainfall events occurred during the third dekad of the month.

A total of 16 rainy days (days with rainfall amounts greater than or equal to 1 mm) and 14 dry days (days with rainfall amounts below 1 mm) were recorded during the month. Two wet spells

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of five consecutive rainy days were observed from 8<sup>th</sup> to 12<sup>nd</sup> April and from 25<sup>th</sup> to 29<sup>th</sup> April, with accumulated rainfall totals of 64.6 mm and 116.5 mm, respectively. Although the month began with four consecutive dry days, rainfall totals at Seychelles International Airport exceeded the climatological normal, with most rainfall activity concentrated during the third dekad of April.

Relative humidity at Seychelles International Airport ranged from 73% to 86% during April 2026. The lowest relative humidity value (73%) was recorded on 4<sup>th</sup> April, while the highest value (86%) occurred on 28<sup>th</sup> April. The monthly mean relative humidity was 79%, which was close to the 1991-2020 climatological normal for April.

During April 2026, the daily maximum temperatures at Seychelles International Airport varied between 30.7 °C and 32.7 °C. Maximum temperatures remained above 31 °C throughout most days of the month, except on 13<sup>th</sup> April when the lowest daily maximum temperature recorded was 30.7 °C. The highest daily maximum temperature, reaching 32.7 °C, was observed on two consecutive days, namely 15<sup>th</sup> and 16<sup>th</sup> April. The mean monthly maximum temperature was 32.0 °C, slightly above the 1991-2020 climatological normal of 31.7 °C for April.

Minimum temperatures during the month ranged from 23.8 °C to 27.2 °C. The highest minimum temperature of 27.2 °C was recorded on 20<sup>th</sup> April, while the lowest value of 23.8 °C occurred on both 11<sup>th</sup> and 12<sup>th</sup> April. The monthly mean minimum temperature was 25.5 °C, which was close to the long-term climatological normal of 25.6 °C for April. This indicates that nighttime temperatures remained near average during the month.

*Refer to Figures 6 and 7 below for graphical presentation of observed Rainfall, Relative, Maximum and Minimum temperature for April 2026.*

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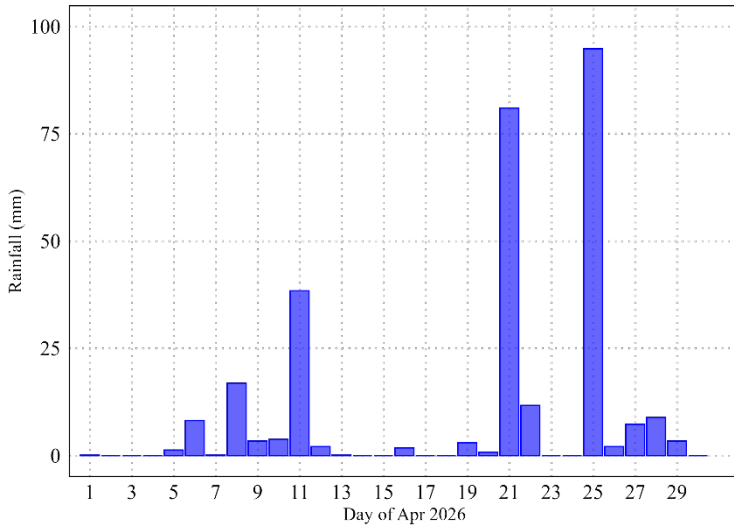
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Rainfall - Apr 2026



Relative Humidity - Apr 2026

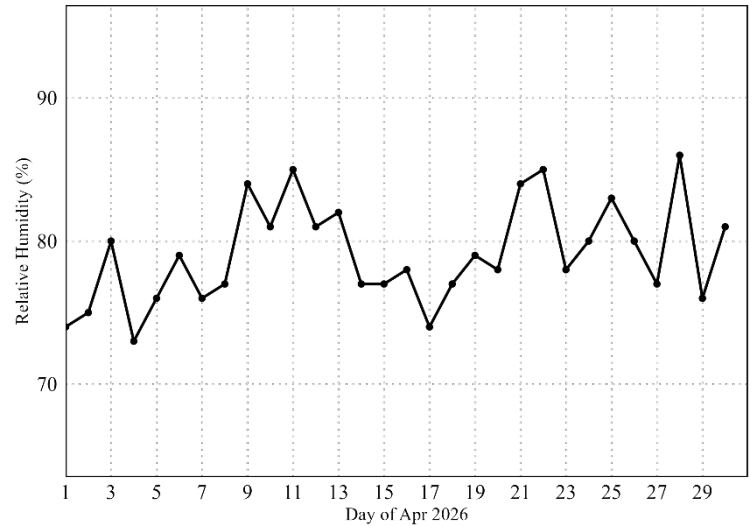
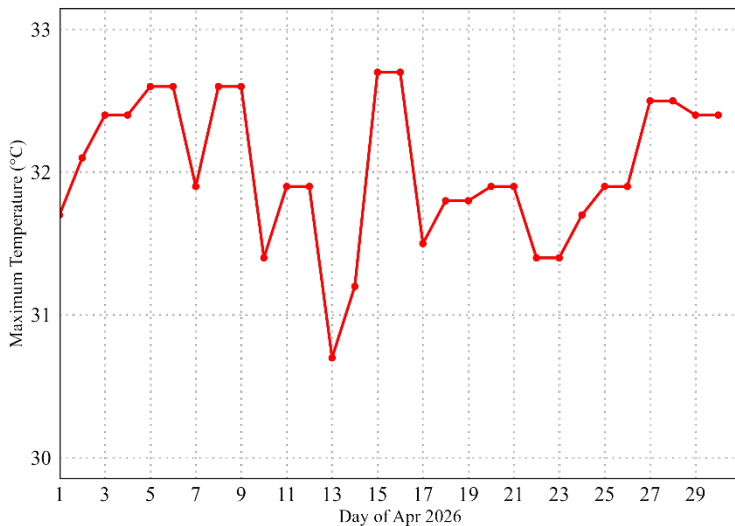


Figure 6: Analytical plots of Daily rainfall and Relative humidity in April 2026

Maximum Temperature - Apr 2026



Minimum Temperature - Apr 2026

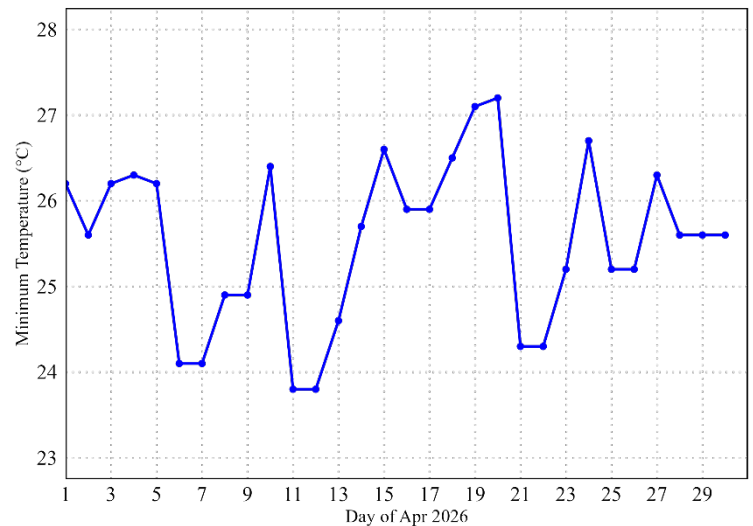


Figure 7: Analytical plots of Maximum and Minimum temperature in April 2026



#### **4.2. Daily sunshine hours, Mean Sea level pressure and surface wind in April 2026**

During April 2026, wind speeds at Seychelles International Airport ranged from 3.0 to 6.5 knots. Throughout the month, mean daily wind conditions were generally within the light air to gentle breeze category. The lowest daily mean wind speed of 3 knots was recorded on 14<sup>th</sup> April, while the highest daily mean wind speed of 6.5 knots occurred on 22<sup>nd</sup> April. The monthly mean wind speed was 4.5 knots, which was slightly below the climatological normal of 5.0 knots for April.

The wind rose diagram for April 2026 indicates that the predominant winds were mainly from the southeasterly sector (SE). South-southwesterly (SSW) winds represented the second most dominant wind pattern during the month. Higher wind speeds were generally associated with southeasterly flows, while lighter winds were observed across most directions, particularly from the south-southwesterly sector.

Mean sea level pressure during April 2026 ranged from 1007.2 hPa to 1013.4 hPa. The monthly mean pressure was 1010.0 hPa, which was close to the long-term climatological normal of 1010.3 hPa for April, indicating near-average pressure conditions. A general decrease in mean sea level pressure was observed from 7<sup>th</sup> to 24<sup>th</sup> April, with pressure values declining from the maximum value of 1013.4 hPa recorded on 7<sup>th</sup> April to the minimum value of 1007.2 hPa observed on 24<sup>th</sup> April.

The average daily sunshine duration during April 2026 was 7.0 hours, which was slightly below the climatological normal of 8 hours. The highest daily sunshine duration of 11.4 hours was recorded on both 3<sup>rd</sup> and 17<sup>th</sup> April, while the lowest value of zero hours occurred on three consecutive days: 12<sup>th</sup>, 13<sup>th</sup>, and 14<sup>th</sup> April.

*Refer to Figure 8 and 9 below for graphical and wind rose presentation of wind Speed and direction, Sea level pressure and Sunshine during the month of April 2026.*

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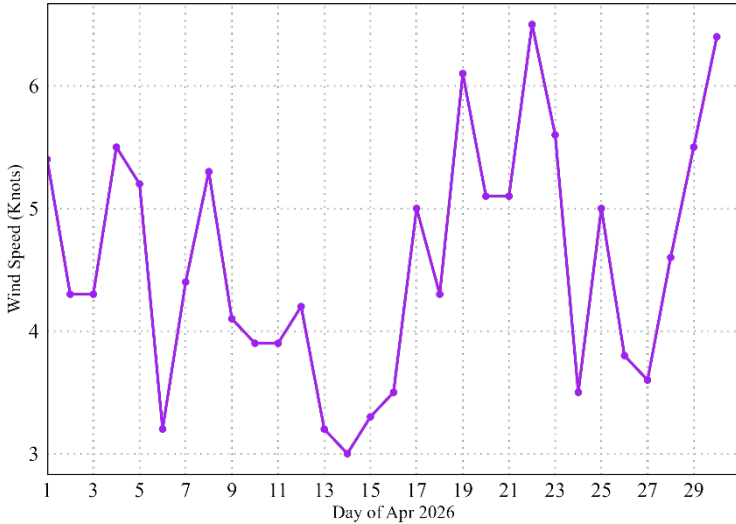
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Wind Speed - Apr 2026



Wind Rose - Apr 2026

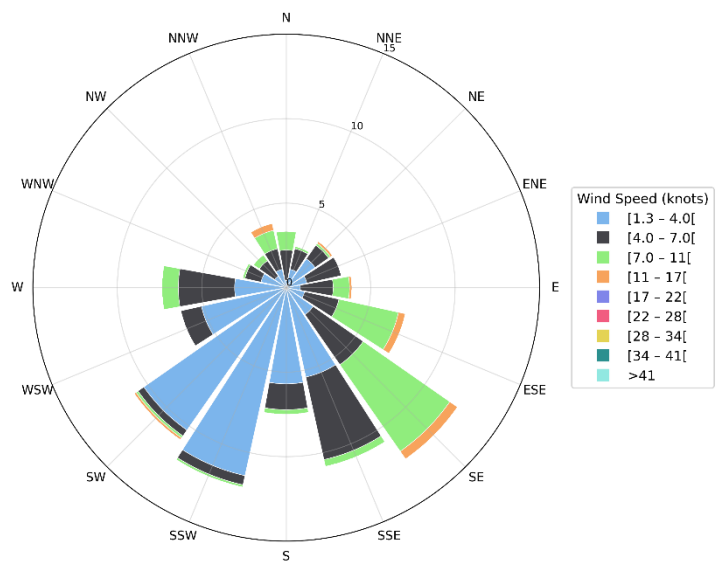
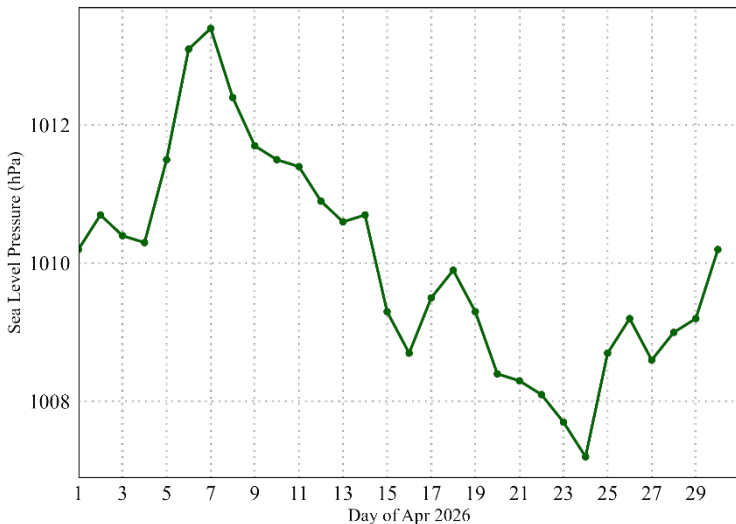


Figure 8: Analytical plots of Daily wind speed, wind direction in April 2026

Sea Level Pressure - Apr 2026



Sunshine Hours - Apr 2026

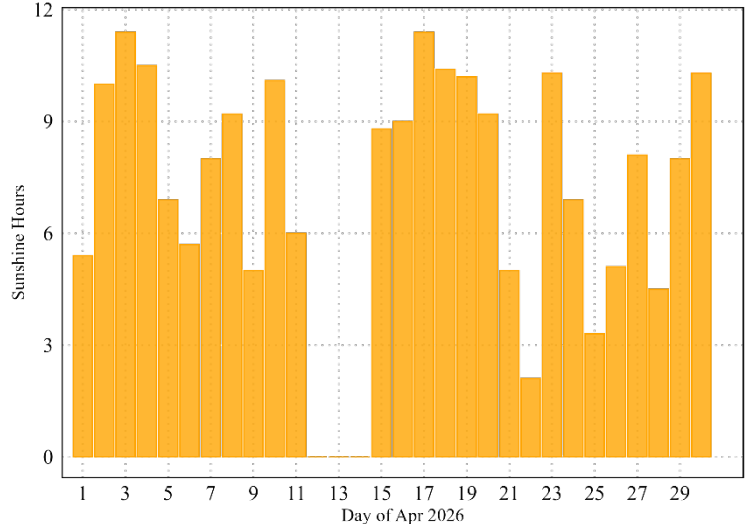


Figure 9: Analytical plots of Sea Level pressure, sunshine hours in April 2026

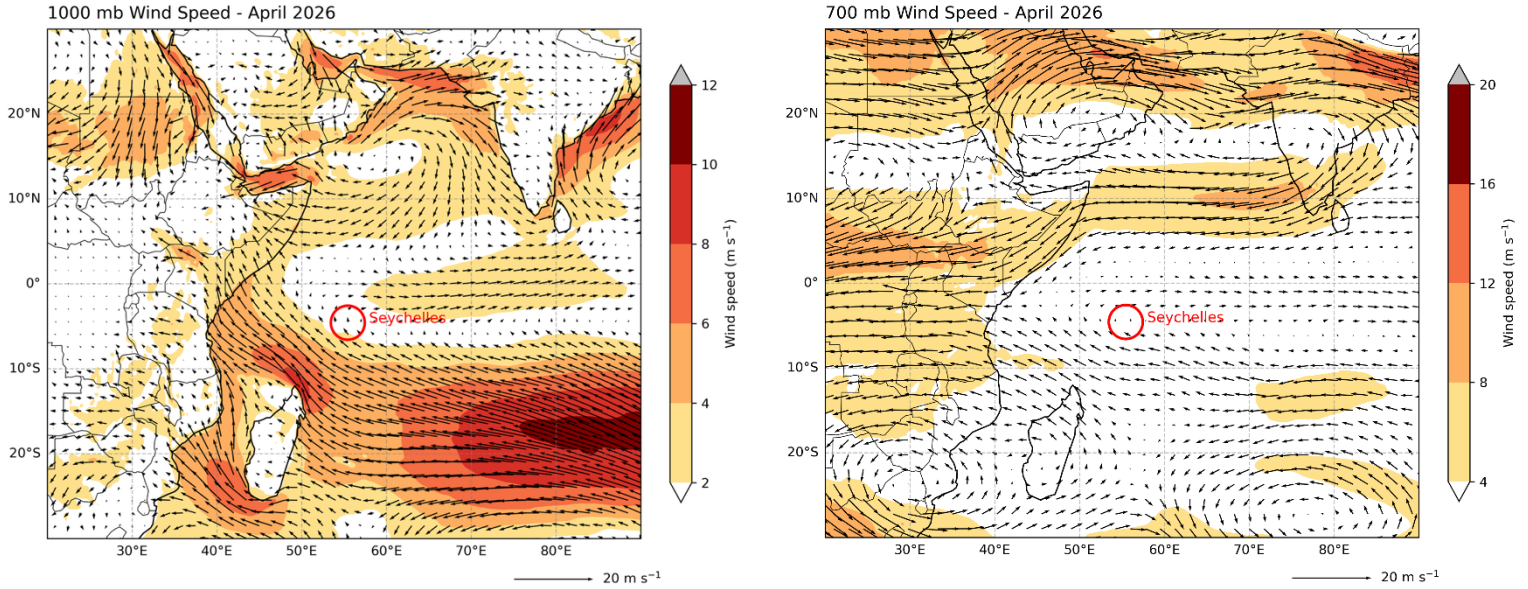


### 4.3. Wind Pattern in April 2026

Figure 10 illustrates the mean 1000 hPa wind field over the western Indian Ocean during April 2026. The region surrounding Mahe, Praslin, and La Digue (highlighted by the red circle) was predominantly influenced by southeasterly winds, with wind speeds generally ranging between 0 and 4 m/s. These conditions indicate mainly light to moderate low-level flow across Seychelles during the month. The prevailing southeasterly winds were associated with the southern Indian Ocean subtropical high-pressure system. Further, South of Seychelles, particularly below 10 °S, shows influx of stronger southeasterly flow with wind speeds ranging from 4 m/s to 12 m/s, corresponding to gentle breeze to fresh breeze condition. In contrast, weaker winds, generally between 2 and 4 m/s, dominated much of the northern Indian Ocean sector, reflecting the weakening influence of the Arabian subtropical high-pressure system during the transition season.

During April 2026, the Near-Equatorial Trough (NET) was evident across the Indian Ocean Basin. The trough axis was located approximately between 3°S and 6°S, extending from 50°E to 85°E, and displayed slight undulations along its longitudinal extent.

At 700 hPa, the region around Seychelles remained characterized by relatively light winds, generally ranging between 0 and 4 m/s with a less organized circulation pattern compared to the lower troposphere. Stronger mid-level winds, ranging from 4 to 16 m/s, were mainly concentrated further north over the Arabian Peninsula and parts of East Africa.



*Figure 10: Surface wind flow-1000 mb (left) and wind flow at 700 mb (right) in April 2026*