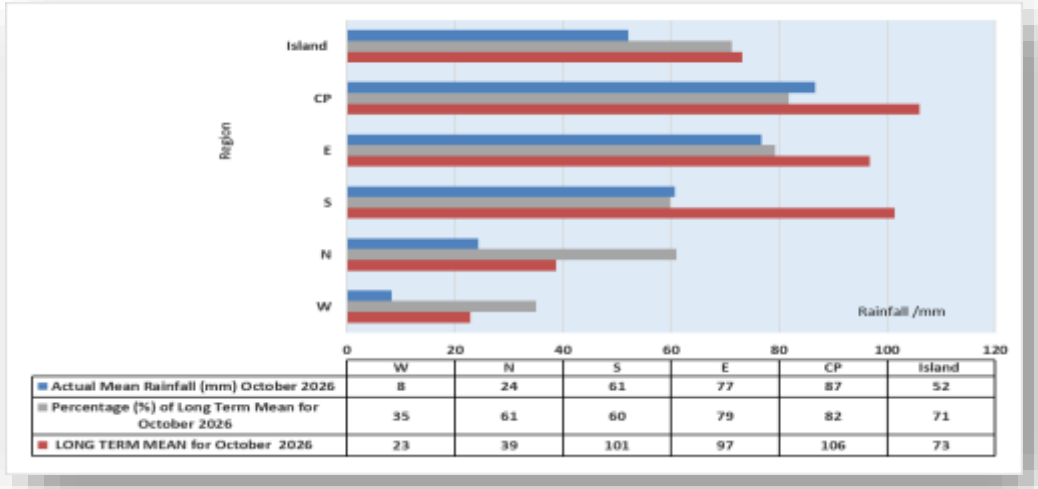
# MAURITIUS METEOROLOGICAL SERVICES

## Mean Rainfall for 1-31 October 2026 updated on 4 November 2026

### Mauritius

The mean rainfall for October 2026 was ranked as the seventh driest October over the last 20 years, amounting to 52 mm of rainfall, representing 71% of the long-term mean.

The Central Plateau recorded the highest rainfall amounting to 87 mm, whereas the West had the least rainfall amount of 8 mm and the lowest percentage of 35% of the long-term mean




| | W | N | S | E | CP | Island |
|---|---|---|---|---|---|---|
| Actual Mean Rainfall (mm) October 2026 | 8 | 24 | 61 | 77 | 87 | 52 |
| Percentage (%) of Long Term Mean for October 2026 | 35 | 61 | 60 | 79 | 82 | 71 |
| LONG TERM MEAN for October 2026 | 23 | 39 | 101 | 97 | 106 | 73 |

### Outer Islands

| | Stations | Amount (mm) Actual Rainfall | LTM Rainfall | % of LTM |
|---|---|---|---|---|
| Rodrigues | Pointe Canon | 19 | 51 | 37 |
| | Plaine Corail | 17 | 45 | 38 |
| | Citronelle | 41 | 94 | 44 |
| Agalega | | 47 | 95 | 49 |
| St Brandon* | | - | 27 | - |

* *The St. Brandon Meteorological Station is currently closed*

- **Dry atmospheric conditions** prevailed over **Rodrigues** and **Agalega**
- The total rainfall for October 2026, **for Pointe Canon** and **Agalega** were ranked as the **third** and **seventh** driest October over the last 20 years respectively.

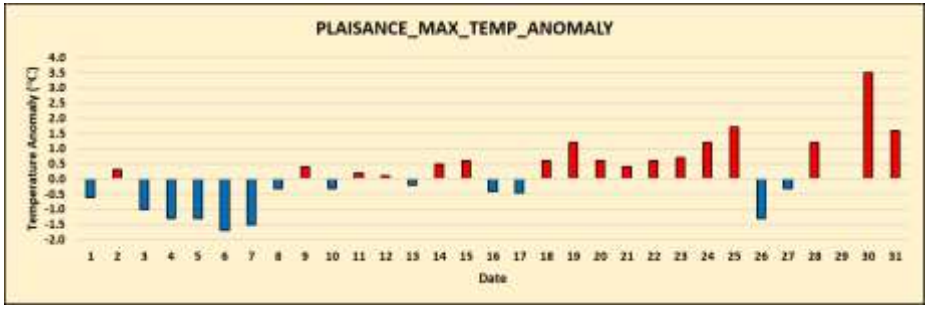
# MAURITIUS METEOROLOGICAL SERVICES

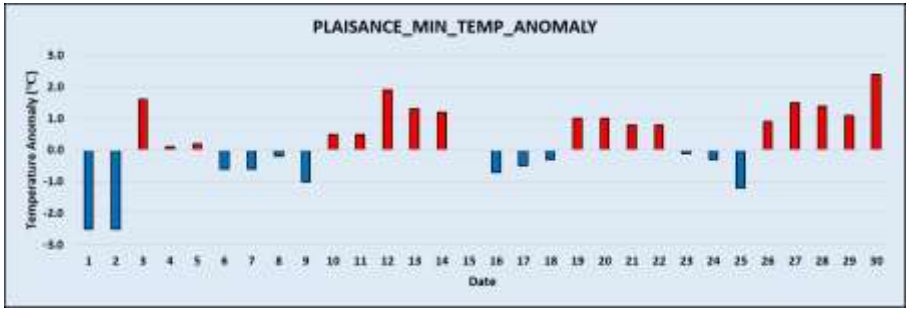
## Temperature Forecast for Nov-Dec-Jan (NDJ) 2026

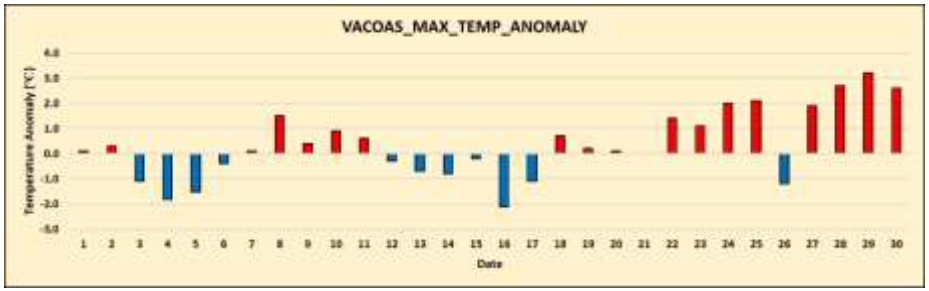
**Mean Minimum Temperature** at **Vacoas and Plaisance** were **17.2°C** and **20.1°C** with an anomaly of **+1.1°C** and **+0.3°C** with respect to LTM (91-20), whereas **Mean Maximum temperature** at **Vacoas and Plaisance** were **24.5°C** and **26.8°C** with an anomaly of **+0.4°C** and **+0.2°C** with respect to LTM (91-20) respectively.

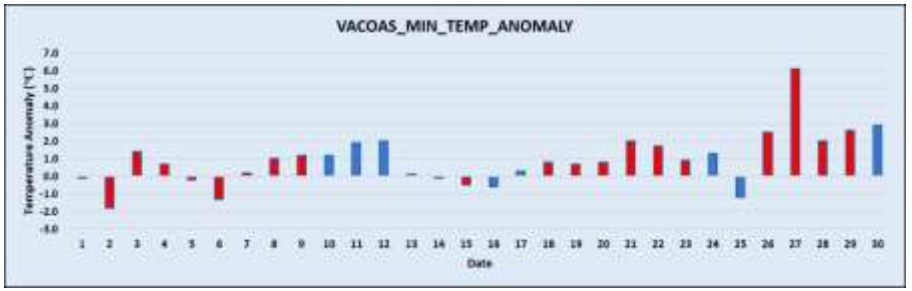
***Table 1: Highest/lowest minimum and maximum temperatures recorded at Vacoas and Plaisance***

| | Vacoas | | Plaisance | |
|---|---|---|---|---|
| | **Minimum** | **Maximum** | **Minimum** | **Maximum** |
| **Highest** | **23.3°C** *(27 Oct)* | **27.7°C** *(29 Oct)* | **23.0 °C** *(31 Oct)* | **30.3°C** *(30 Oct)* |
| **Lowest** | **15.4°C** *(2 Oct)* | **17.6°C** *(16 Oct)* | **15.8°C** *(1 Oct)* | **25.1°C** *(6 Oct)* |



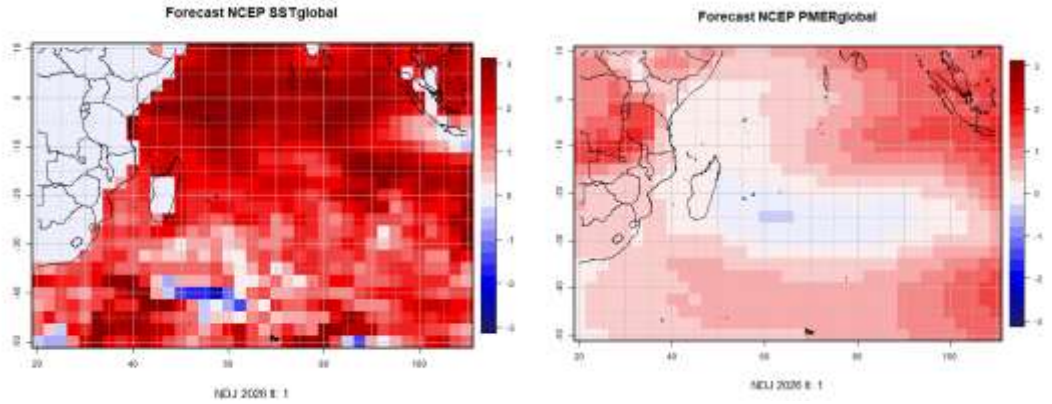




**Figures: Temperature anomaly charts for Maximum and Minimum temperatures at Plaisance and Vacoas**

# MAURITIUS METEOROLOGICAL SERVICES

## Temperature Forecast for Nov-Dec-Jan (NDJ) 2026

**Positive IOD** is expected in Nov-Dec-Jan (2026). **SIOD** is in a negative phase**.** Over the Equatorial Pacific Ocean, the El-Nino event is strengthening gradually. **Positive pressure anomalies** are expected over the La Reunion – Mauritius – Rodrigues. However, negative pressure anomaly is expected further South of the region (Fig b).



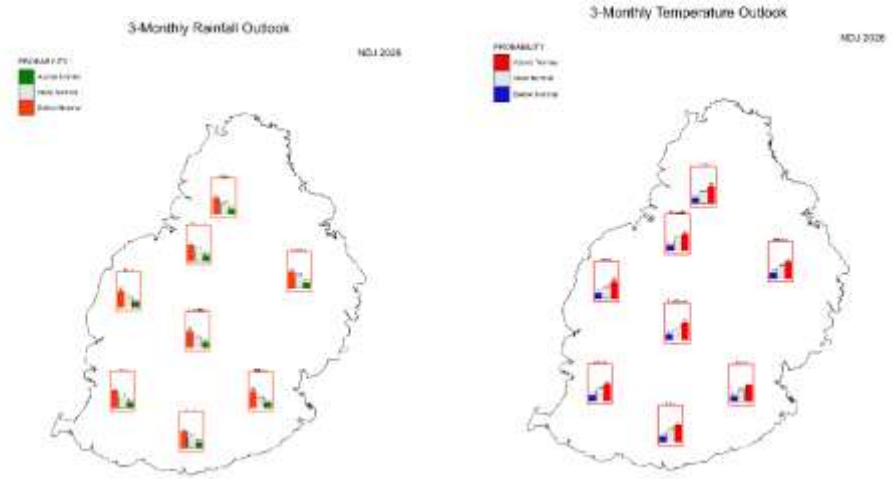

**(a) Sea surface temperature (SST) anomaly and (b) pressure anomaly charts for NDJ-2026**

Based on the prevailing large-scale and regional atmospheric conditions, **the consensus rainfall forecast for NDJ-2026 has been revised to Below Normal (78% of LTM)** as follows:

**Consensus rainfall forecast for Mauritius**

- **Nov-26:** Slightly Below Normal (70 mm) (80% of LTM)
- **Dec-26:** Below Normal (130 mm) (80% of LTM)
- **Jan-27:** Below Normal (200 mm) (71% of LTM)

Mean temperature is expected to be **above normal** over the whole island.




**Forecast for (a) rainfall and (b) mean temperature for NDJ-2026**

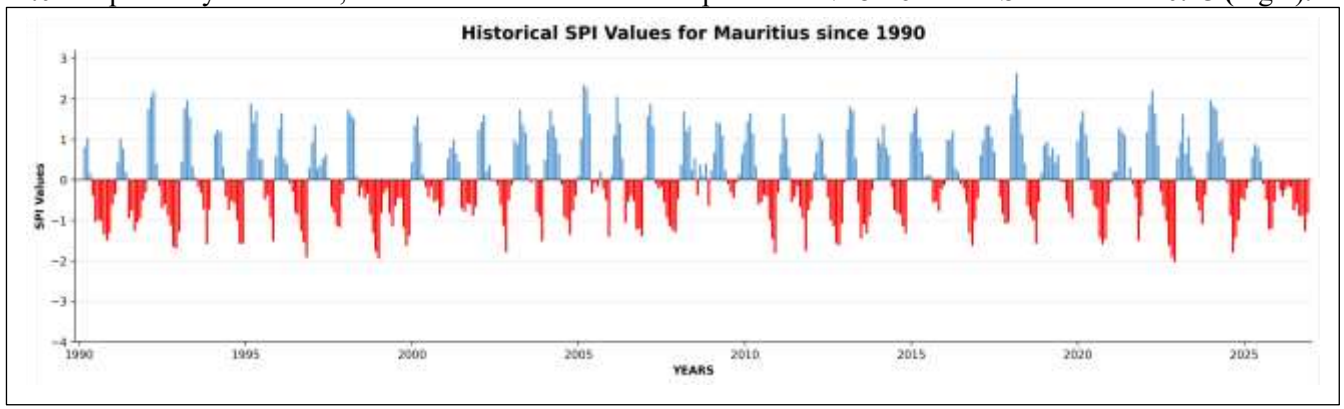
# MAURITIUS METEOROLOGICAL SERVICES

## Standardized Precipitation Index (SPI) Monitoring in Mauritius

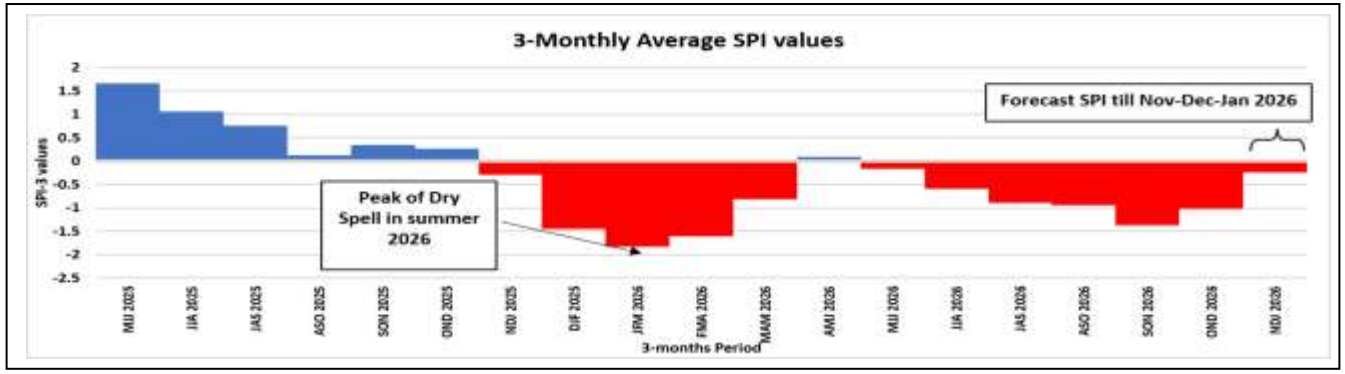
**Aim:** To apply the SPI, as recommended by the World Meteorological Organization, in Mauritius to monitor rainfall deficits resulting into prolonged dry spell events.

**Current Status:** Negative SPI value has been observed in **ASO-26** with a 3-month average value of **-0.93**.

**SPI Forecast:** Moderately dry conditions are expected in **SON-26,** and **OND-26,** with SPI-3 values of **-1.37** and **-1.02** respectively. However, near normal conditions are expected in **NDJ-26** with a **SPI** value of **-0.25 (**Fig b)**.**




**(a) Historical SPI-3 values since 1990**




**(b) Current SPI-3 value, Status & Forecast**

| Observed SPI-3 Status 2025/2026 | | |
|---|---|---|
| Period | SPI-3 Value | Category |
| NDJ-25 | -0.29 | Near Normal |
| DJF-25 | -1.44 | Moderately Dry |
| JFM-26 | -1.83 | Severely Dry |
| FMA-26 | -1.61 | Severely Dry |
| MAM-26 | -0.81 | Weaky Dry |
| AMJ-26 | +0.09 | Near Normal |
| MJJ-26 | -0.17 | Weakly Dry |
| JJA-26 | -0.55 | Near Normal |
| JAS-26 | -0.90 | Near Normal |
| ASO-26 | -0.93 | Near Normal |
| Forecast SPI-3 based on Monthly RR Data | | |
| SON-26 | -1.37 | Moderately Dry |
| OND-26 | -1.02 | Moderately Dry |
| NDJ-26 | -0.25 | Near Normal |

| Legend | | |
|---|---|---|
| WMO SPI Dry/Wet Classifications | | |
| Level | SPI Values | Category |
| 1 | +2.0 and above | Extremely Wet |
| 2 | +1.5 to +1.99 | Very Wet |
| 3 | +1.0 to +1.49 | Moderately Wet |
| 4 | -0.99 to +0.99 | Near Normal |
| 5 | -1.0 to -1.49 | Moderately Dry |
| 6 | -1.5 to -1.99 | Severely Dry |
| 7 | -2.0 and less | Extremely Dry |

*The right of publication in print, electronic and any other form is reserved by the Meteorological Services. Any part of this document may be reproduced provided complete source is acknowledged or after authorization from:*

**Acting Director, Meteorological Services,**
**St Paul Road, Vacoas.**
***Tel*: 6515100, Fax: 6861033**
***Email*: meteo@intnet.mu**

**Updated on: 4 November 2026**