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Mean Rainfall for 1-28 February 2026 updated on 11 March 2026

Mauritius

February 2026 turned out to be the fourth driest February on record since 1904 with 105 mm of rainfall, representing 33% of the long-term mean.

The North received the least rainfall amounting to 71 mm, whereas the South recorded the lowest percentage 24 % of the long-term mean.

Outer Islands

		Amount (mm)		
Stations		Actual Rainfall	LTM Rainfall	% of LTM
Rodrigues	Pointe Canon	22	150	15
	Plaine Corail	30	160	19
	Citronelle	25	226	11
Agalega		104	256	41
St Brandon*		-	-	-

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

- Very Dry atmospheric condition prevailed over Rodrigues
- Dry atmospheric condition prevailed over Agalega.

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Temperature for February 2026

Mean Minimum temperature at **Vacoas and Plaisance** were **22.0°C** and **23.6°C** with an anomaly of **+0.5°C** and **-0.3°C** with respect to LTM (91-20) respectively, whereas **Mean Maximum temperature** at **Vacoas and Plaisance** were **29.4°C** and **30.9°C** with an anomaly of **+1.4°C** and **+0.7°C** above the LTM (91-20) respectively.

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

	Vacoas		Plaisance	
	Minimum	**Maximum**	**Minimum**	**Maximum**
Highest	**23.8 °C** *(03 Feb)*	**30.9 °C** *(11 Feb)*	**26.2 °C** *(10 Feb)*	**33.3 °C** *(05 Feb)*
Lowest	**18.6 °C** *(01 Feb)*	**28.1 °C** *(21 Feb)*	**20.4 °C** *(01 Feb)*	**29.5 °C** *(19 Feb)*

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

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Rainfall and Temperature Forecast for Mar-Apr-May (MAM) 2026

IOD is expected to be weak positive for Mar-Apr-May (2026) as per Figure (a), with positive SST anomalies off the Somalian coast (NW Indian Ocean) and weak negative SST anomalies near the Sumatran coast (NE Indian Ocean). **SIOD** is in a **moderate positive phase**. Over the Equatorial Pacific Ocean, the on-going **weak La Nina** is expected to become neutral in the coming months. **Positive pressure anomalies** are expected to persist over the central Indian Ocean, mainly East of the Mascarene region as shown in Figure (b).

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

Consensus rainfall forecast for Mauritius

Statistical rainfall model prediction is indicating normal to slightly below normal rainfall for FMA-2026. However, based on the prevailing large scale and regional atmospheric conditions, **the consensus rainfall forecast for MAM-2026 has been revised to below normal (73% of LTM)** as follows:

- **Mar-26:** Below Normal (175 mm) (60% of LTM)
- **Apr-26:** Below Normal (140 mm) (70% of LTM)
- **May-26:** Near Normal (134 mm) (90% of LTM)

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

Statistical Model Forecast for (a) rainfall and (b) temperature for MAM-2026

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Standardised Precipitation Index (SPI) Monitoring in Mauritius

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

Current Status: A dry spell has started since January 2026. The period **DJF-2025** was **moderately dry** with an SPI-3 value of **-1.44** (Fig b).

SPI Forecast: Severely dry condition may prevail for **JFM-26** and **FMA-26** with SPI-3 values of **-1.74** and **-1.75** respectively and becoming **weakly dry** in **MAM** with **-0.84.**

(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
MAM-25	+0.56	Near Normal
AMJ-25	+1.42	Moderately Wet
MJJ-25	+1.66	Very Wet
JJA-25	+1.06	Moderately Wet
JAS-25	+0.76	Slightly Wet
ASO-25	+0.12	Near Normal
SON-25	+0.34	Near Normal
OND-25	+0.26	Near Normal
NDJ-25	-0.29	Near Normal
DJF-25	-1.44	Moderately Dry
Forecast SPI-3 based on Monthly RR Data		
JFM-26	-1.74	Severely Dry
FMA-26	-1.75	Severely Dry
MAM-26	-0.84	Weakly Dry

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

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