



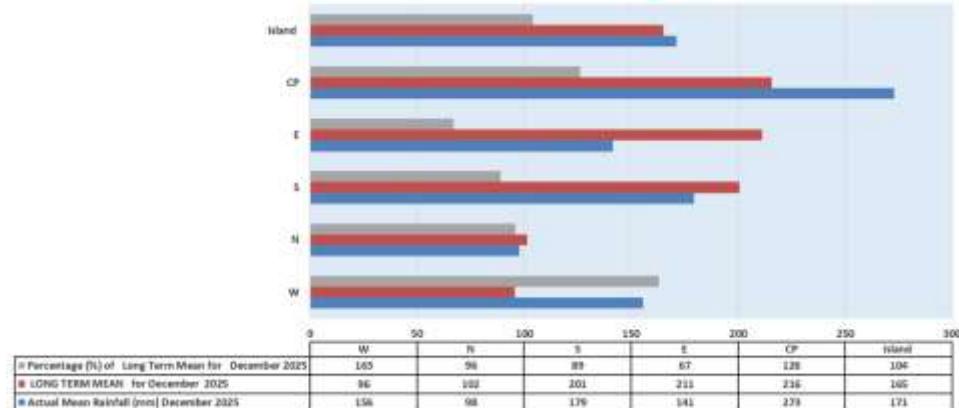
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Mean Rainfall for 1-31 December 2025 updated on 09 January 2026

Mauritius

Near normal rainfall was observed during the month of December 2025, amounting to 171 mm of rainfall, and representing 104 % of the long-term mean.

The Central Plateau recorded the highest rainfall, amounting to 273mm, whereas the West observed the highest percentage of 163 % of the long-term mean.



Outer Islands

		Amount (mm)		
Stations		Actual Rainfall	LTM Rainfall	% of LTM
Rodrigues	Pointe Canon	38	68	56
	Plaine Corail	35	78	45
	Citronelle	76	102	75
	Agalega	95	226	42
St Brandon*		-	-	-

- Well below normal rainfall was observed over Rodrigues
- Dry atmospheric conditions prevailed over Agalega.

* The St. Brandon Meteorological Station is currently closed



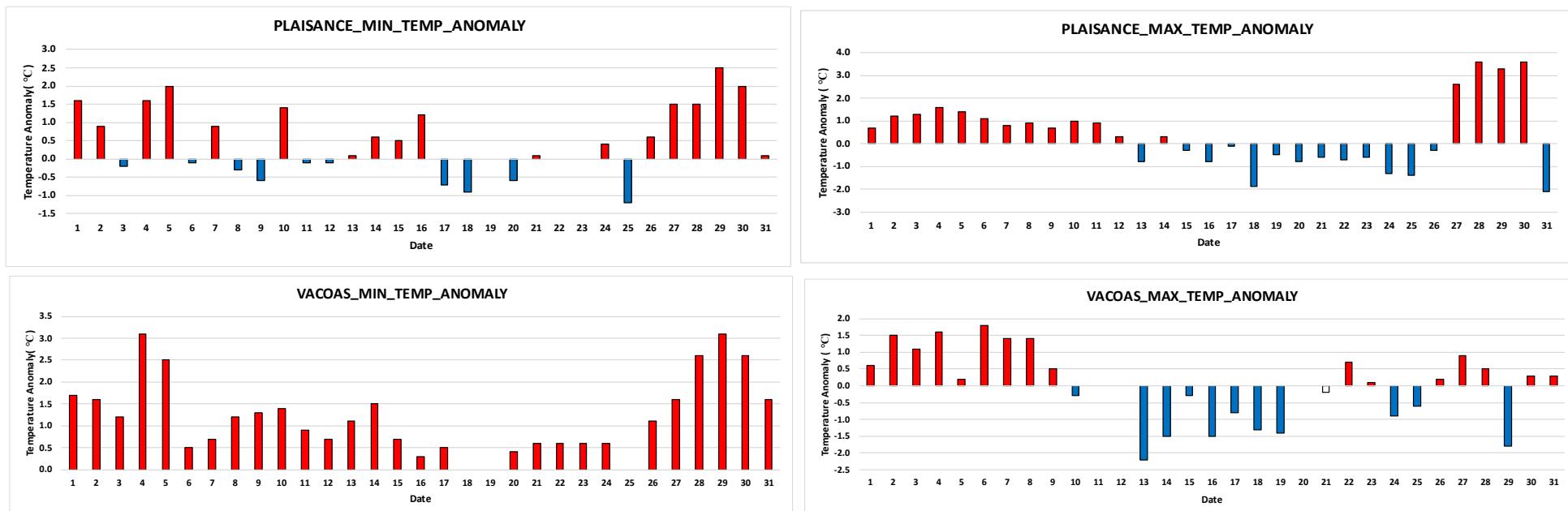
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Temperature for December 2025

Mean Minimum temperature at Vacoas and Plaisance were 21.3°C and 23.2°C with an anomaly of +1.2°C and +0.5°C above the LTM (91-20) respectively, whereas **Mean Maximum temperature** at Vacoas and Plaisance were 27.8°C and 33.5°C with an anomaly of +0.0°C and +0.4°C above the LTM (91-20) respectively. Frequency of positive temperature anomaly was more at Vacoas.

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

Vacoas			Plaisance		
	Min	Max		Min	Max
Highest	23.5 °C (29 Dec)	29.1 °C (06 Dec)		25.5 °C (29 Dec)	33.5 °C (22 Dec)
Lowest	20.3 °C (06 Dec)	25.1 °C (13 Dec)		21.8 °C (25 Dec)	25.5 °C (29 Dec)



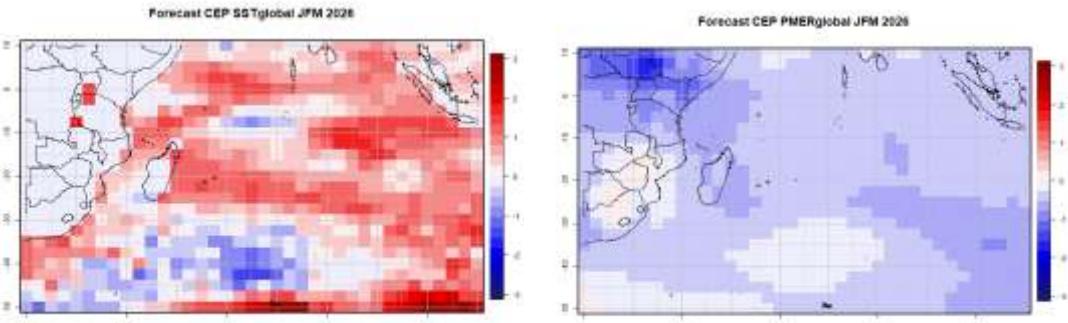
Figures: Temperature anomaly charts for Maximum and Minimum temperatures at Plaisance and Vacoas



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Rainfall and Temperature Forecast for Jan-Feb-Mar (JFM) 2026

IOD is expected to become **neutral** for Jan-Feb-Mar (2026) as per Figure (a), with no significant temperature contrast between the Somalian coast (NW Indian Ocean) and the Sumatran coast (NE Indian Ocean). However, the **SIOD** will tends towards the **negative phase** and can be identified as a cold pool developing South of Madagascar and a warm pool to the SE of the Indian Ocean. Over the Equatorial Pacific Ocean, **weak La Niña** is ongoing and is expected to become neutral in JFM-2026.



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

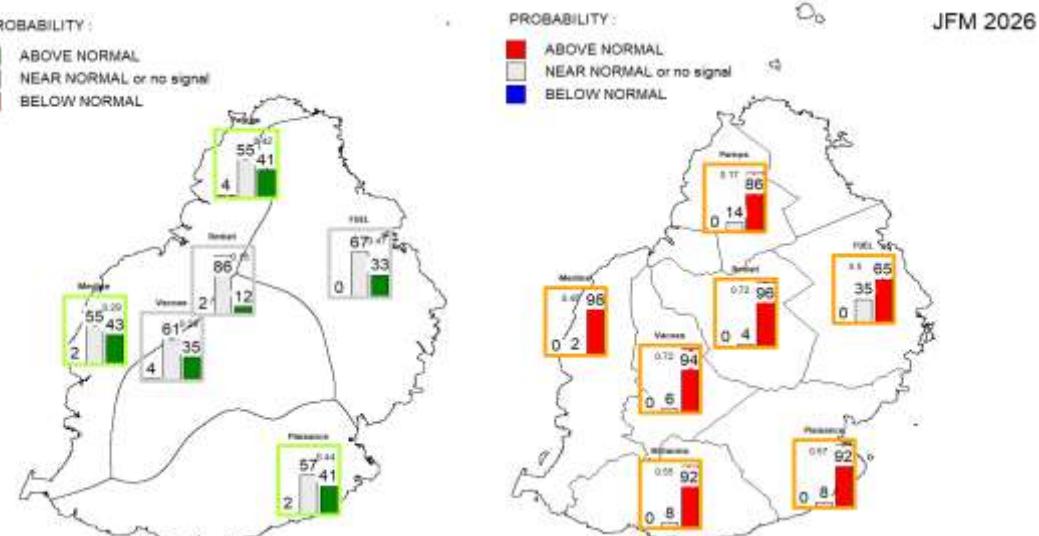
No significant pressure anomalies are expected over the Indian Ocean as shown in Figure (b).

Consensus rainfall forecast for Mauritius

In line with statistical model prediction, **near normal** rainfall (95% of LTM (91-20)) is expected for JFM-2026, the monthly rainfall forecast is as follows:

- **Jan-26:** Near Normal (265 mm) (95% of LTM)
- **Feb-26:** Near Normal (305 mm) (95% of LTM)
- **Mar-26:** Near Normal (275 mm) (95% of LTM)

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



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



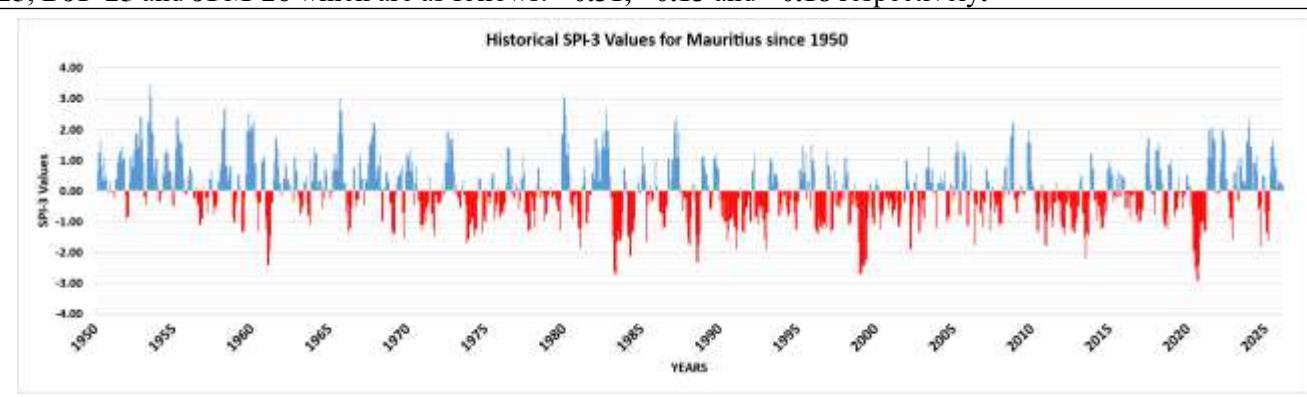
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Standardized Precipitation Index (SPI) Monitoring in Mauritius

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

Current Status: Near normal condition was observed in OND-25 with an SPI-3 value of **+0.26** (Fig b).

SPI Forecast: Near Normal condition is expected to persist in the coming months based on SPI values for **NDJ-25, DJF-25 and JFM-26** which are as follows: **+0.31, +0.13** and **+0.18** respectively.



(a) Historical SPI-3 values since 1950



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

Observed SPI-3 Status 2025/2026		
Period	SPI-3 Value	Category
JFM-25	-1.63	Severely Dry
FMA-25	-0.65	Weakly Dry
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
Forecast SPI-3 based on Monthly RR Data		
NDJ-25	+0.31	Near Normal
DJF-25	+0.13	Near Normal
JFM-26	+0.18	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

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