



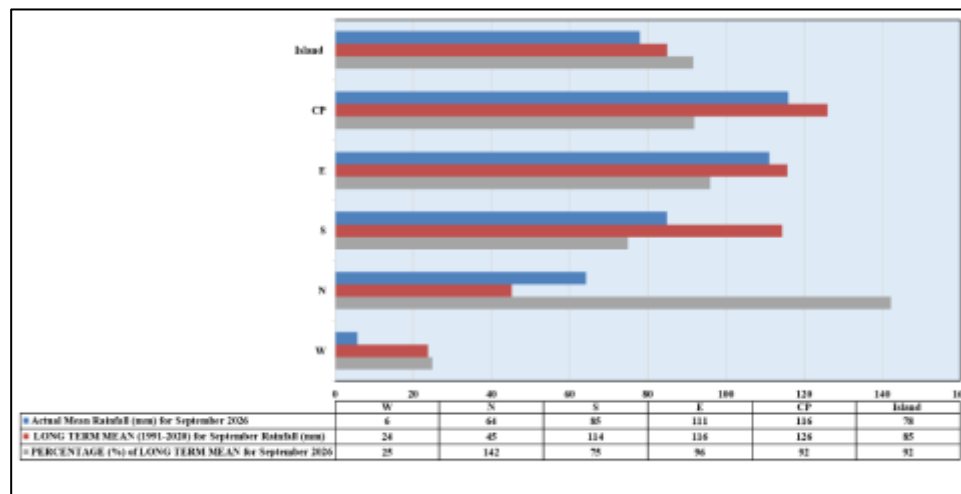
MAURITIUS METEOROLOGICAL SERVICES

Mean Rainfall for 1-30 September 2026 updated on 2 October 2026

Mauritius

Near normal rainfall was recorded for September 2026, amounting to 78 mm of rainfall, representing 92% of the long-term mean.

The Central Plateau recorded the highest rainfall amounting to 116 mm, whereas the Northern sector had the highest percentage of 142% of the long-term mean



Outer Islands

		Amount (mm)		
Stations		Actual Rainfall	LTM Rainfall	% of LTM
Rodrigues	Pointe Canon	61	47	130
	Plaine Corail	25	45	56
	Citronelle	88	89	99
Agalega		54	56	96
St Brandon*		-	47	-

- For Rodrigues, above normal rainfall was recorded at **Pointe Canon**, near normal rainfall observed at **Citronelle** whereas well below normal was recorded at **Plaine Corail**
- Near normal rainfall was recorded over **Agalega**

* The St. Brandon Meteorological Station is currently closed



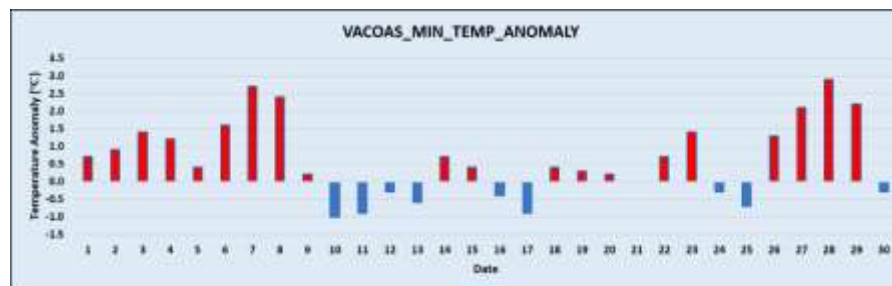
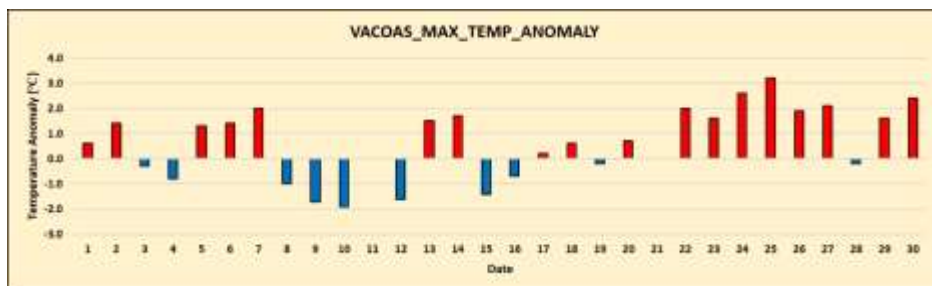
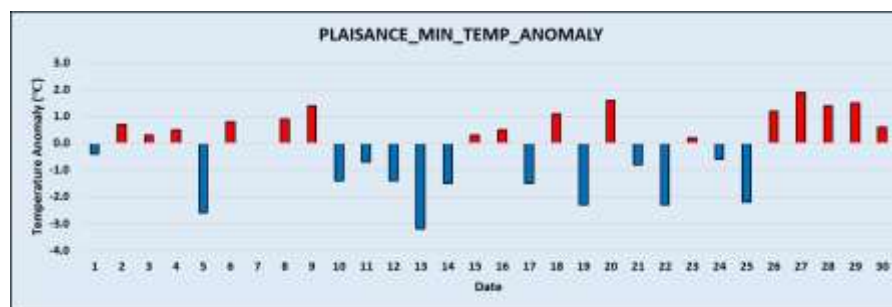
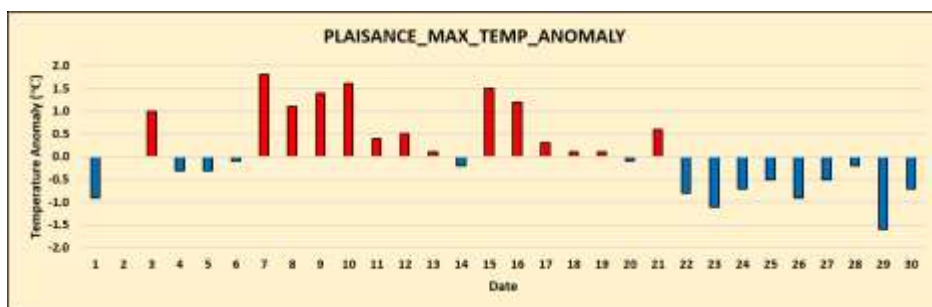
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Temperature Forecast for Oct-Nov-Dec (OND) 2026

Mean Minimum Temperature at Vacoas and Plaisance were 16.8°C and 18.8°C with an anomaly of +0.6°C and -0.2°C with respect to LTM (91-20), whereas **Mean Maximum temperature** at Vacoas and Plaisance were 23.7°C and 25.4°C with an anomaly of +0.6°C and -0.1°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	19.1°C (28 Sept)	26.3°C (25 Sept)	20.9 °C (27 Sept)	27.1°C (29 Sept)
Lowest	15.2°C (10 Sept)	21.2°C (10 Sept)	15.8°C (13 Sept)	23.7°C (7 Sept)



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

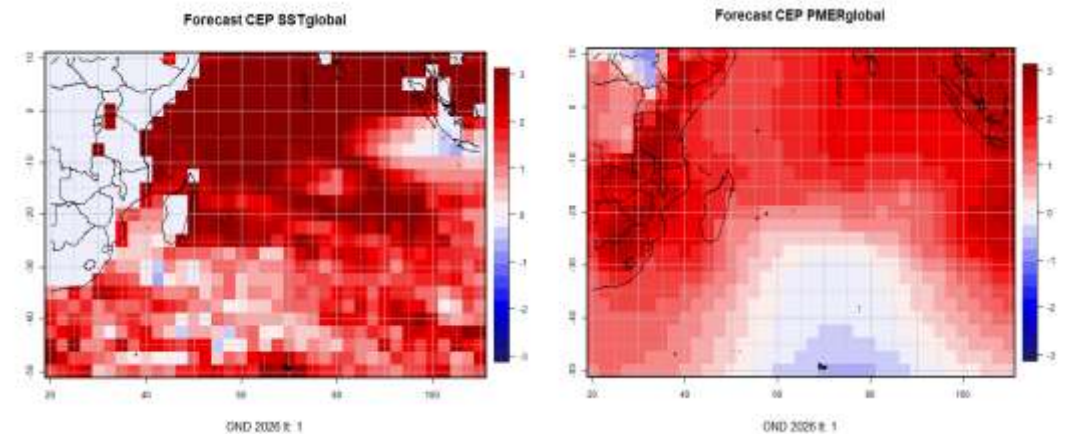


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Temperature Forecast for Oct-Nov-Dec (OND) 2026

Neutral IOD is expected in Oct-Nov-Dec (2026). **SIOD** is in a neutral 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 anomalies are expected further South of the region (Fig b).

Based on the prevailing large-scale and regional atmospheric conditions, **the consensus rainfall forecast for OND-2026 has been revised to Slightly Below Normal (86.7% of LTM)** as follows:

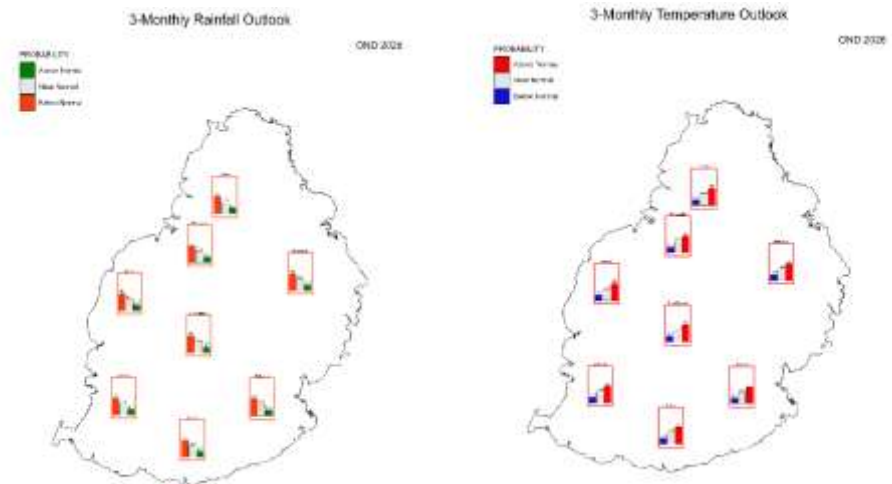


(a) Sea surface temperature (SST) anomaly and (b) pressure anomaly charts for OND-2026

Consensus rainfall forecast for Mauritius

- **Oct-26:** Below Normal (60 mm) (80% of LTM)
- **Nov-26:** Near Normal (76 mm) (90% of LTM)
- **Dec-26:** Near Normal (70 mm) (90% of LTM)

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



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



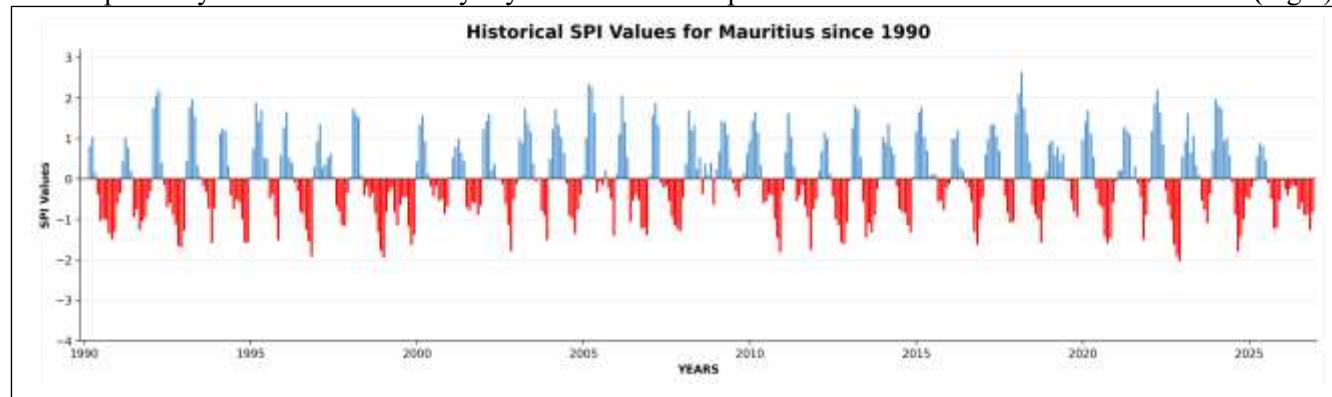
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Standardized Precipitation Index (SPI) Monitoring in Mauritius

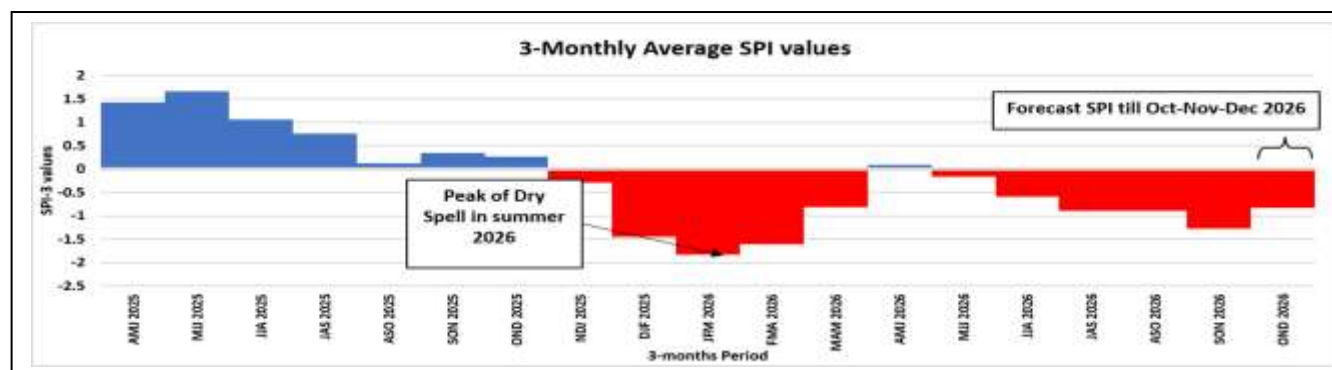
Aim: To apply the SPI, as recommended by the World Meteorological Organization, in Mauritius to monitor rainfall deficits resulting into prolonged dry spell events.

Current Status: Negative SPI value has been observed in **JAS-26** with a 3-month average value of **-0.90**.

SPI Forecast: Near Normal conditions are expected in **ASO-26**, and **OND-26**, with SPI-3 values of **-0.88** and **-0.83** respectively. However moderately dry conditions are expected in **SON-26** with a SPI value of **-1.27** (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
OND-25	+0.26	Near Normal
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	Weakly Dry
AMJ-26	+0.09	Near Normal
MJJ-26	-0.17	Weakly Dry
JJA	-0.55	Near Normal
JAS	-0.90	Near Normal
Forecast SPI-3 based on Monthly RR Data		
ASO-26	-0.88	Near Normal
SON-26	-1.27	Moderately Dry
OND-26	-0.83	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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