



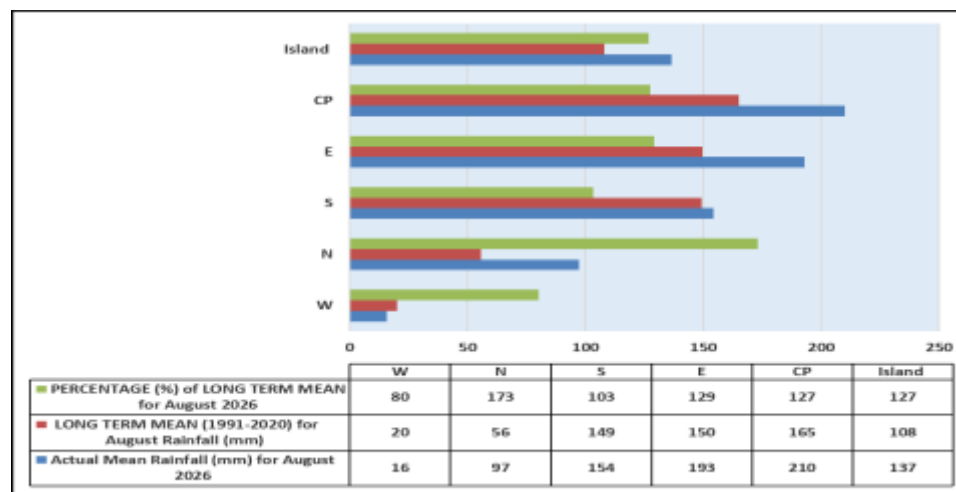
MAURITIUS METEOROLOGICAL SERVICES

Mean Rainfall for 1-31 August 2026 updated on 7 September 2026

Mauritius

August 2026 turned out to be the eighth wettest August since the last 30 years. Above normal rainfall was recorded for August 2026, amounting to 137 mm of rainfall, representing 127% of the long-term mean.

The Central Plateau recorded the highest rainfall amounting to 210 mm, whereas the Northern sector had the highest percentage of 173% of the long-term mean



Outer Islands

		Amount (mm)		
Stations		Actual Rainfall	LTM Rainfall	% of LTM
Rodrigues	Pointe Canon	65	62	105
	Plaine Corail	45	50	90
	Citronelle	91	111	82
Agalega		50	62	81
St Brandon*		-	47	-

- Near Normal rainfall was recorded over Rodrigues
- Slightly below normal rainfall was recorded over Agalega

* The St. Brandon Meteorological Station is currently closed



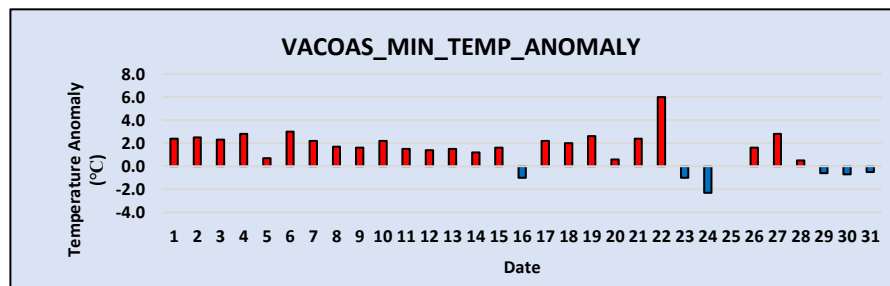
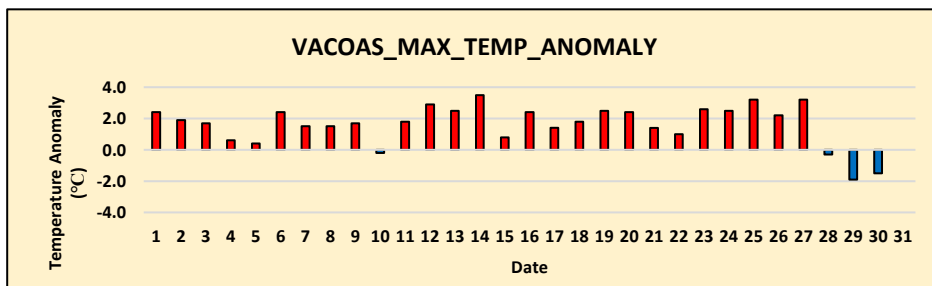
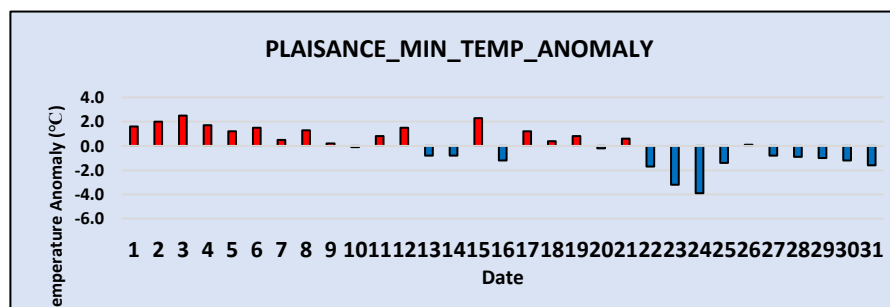
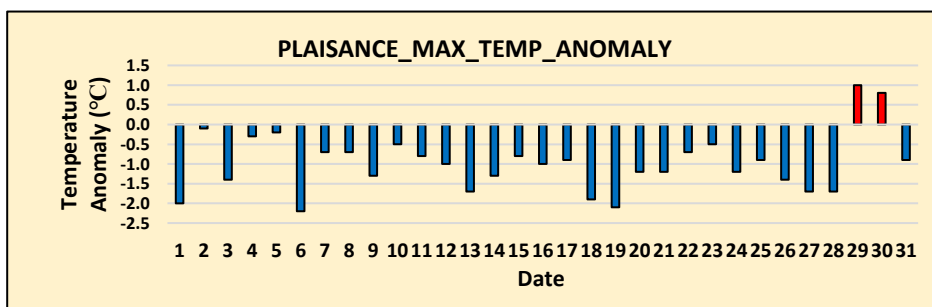
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Temperature Forecast for Sep-Oct-Nov (SON) 2026

Mean Minimum Temperature at Vacoas and Plaisance were **17.3°C** and **18.8°C** with an anomaly of **+1.4°C** and **0.0°C** with respect to LTM (91-20), whereas **Mean Maximum temperature** at Vacoas and Plaisance were **23.8°C** and **25.7°C** with an anomaly of **+1.6°C** and **+1.0°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	21.9 °C (22 Aug)	25.7°C (14 Aug)	21.3°C (3 Aug)	26.9°C (6 Aug)
Lowest	13.6 °C (24 Aug)	20.3°C (29 Aug)	14.9°C (24 Aug)	23.7°C (29 Aug)



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



MAURITIUS METEOROLOGICAL SERVICES

Temperature Forecast for Sep-Oct-Nov (SON) 2026

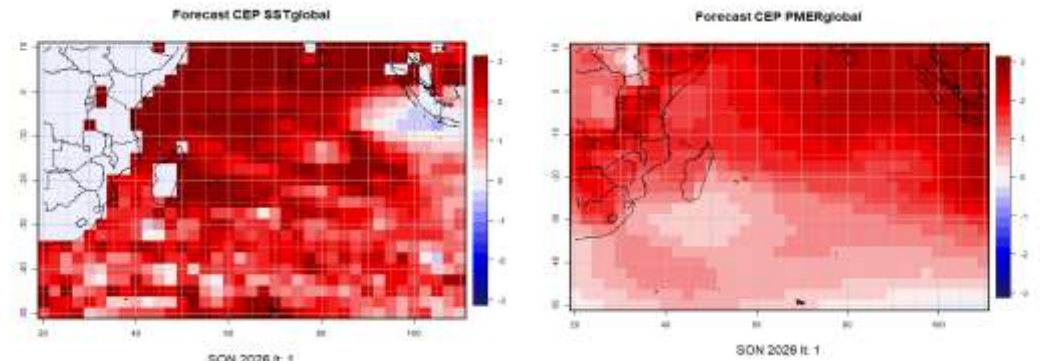
Neutral IOD is expected in Sep-Oct-Nov (2026). **SIOD** is in a neutral phase. Over the Equatorial Pacific Ocean, the El-Nino event is strengthening gradually. **Strong positive pressure anomalies** are expected over a large area of the Indian Ocean (Fig b).

Based on the prevailing large-scale and regional atmospheric conditions, **the consensus rainfall forecast for SON-2026 has been revised to slightly Below Normal (83.3% of LTM)** as follows:

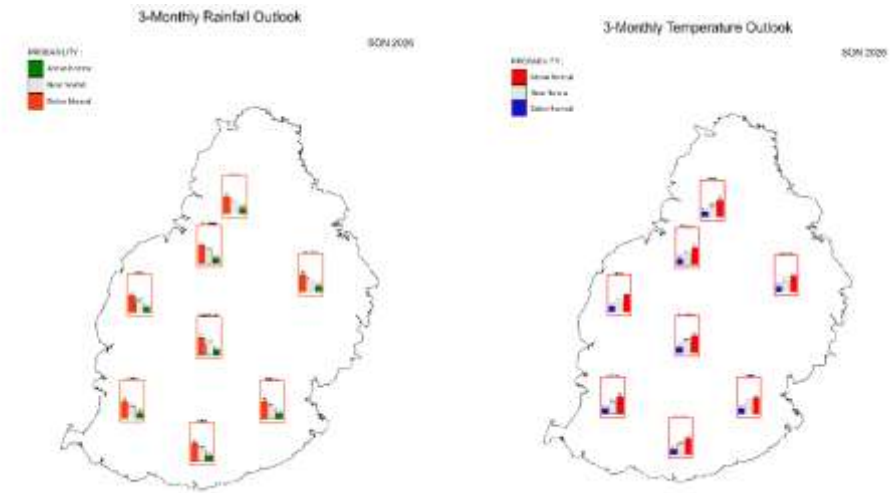
Consensus rainfall forecast for Mauritius

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

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



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



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



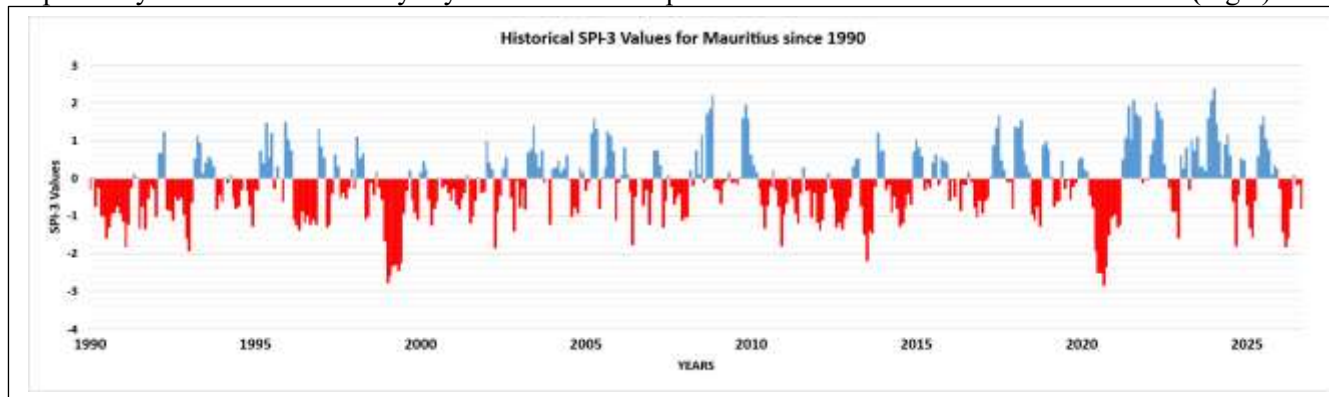
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Standardized Precipitation Index (SPI) Monitoring in Mauritius

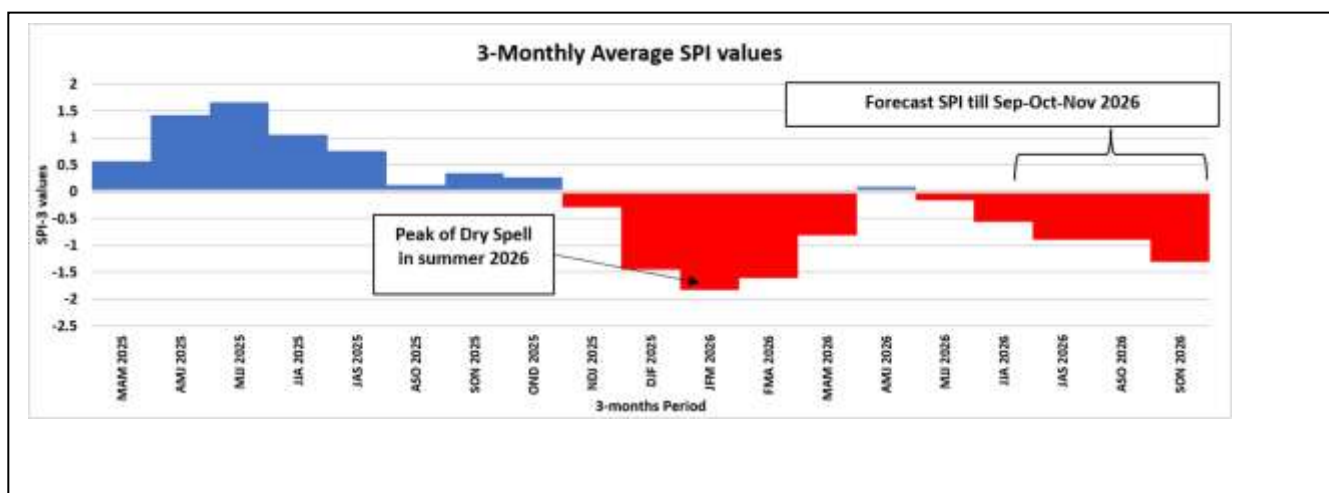
Aim: To apply the SPI, as recommended by the World Meteorological Organization, in Mauritius to monitor rainfall deficits resulting into prolonged dry spell events.

Current Status: Negative SPI value has been observed in **JJA-26** with a 3-month average value of **-0.55**.

SPI Forecast: Near Normal conditions are expected in **JAS-26**, and **ASO-26**, with SPI-3 values of **-0.90** and **-0.88** respectively. However moderately dry conditions are expected in **SON-26** with a SPI value of **-1.31** (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
SON-25	+0.34	Near Normal
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
Forecast SPI-3 based on Monthly RR Data		
JAS-26	-0.90	Near Normal
ASO-26	-0.88	Near Normal
SON-26	-1.31	Moderately 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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