



MAURITIUS METEOROLOGICAL SERVICES

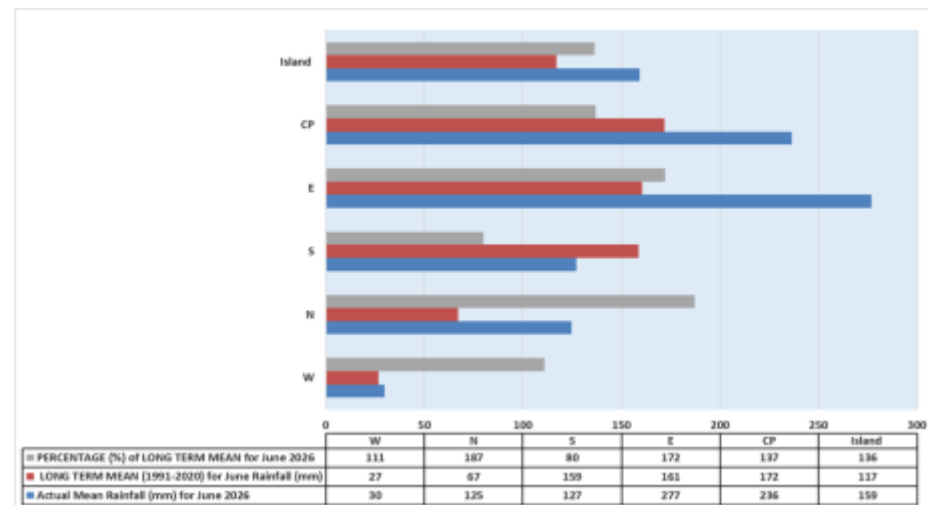
Mean Rainfall for 1-30 June 2026 updated on 15 July 2026

Mauritius

Well above normal rainfall was recorded during June 2026, amounting to 159 mm of rainfall, representing 136 % of the long-term mean.

The East recorded the highest rainfall amounting to 277 mm and the North had the highest percentage of 187% of the long-term mean.

The rainfall recorded from 25 to 26 June 2026, accounted for approximately 36% of the mean rainfall of the month



Outer Islands

		Amount (mm)		
Stations		Actual Rainfall	LTM Rainfall	% of LTM
Rodrigues	Pointe Canon	58	73	79
	Plaine Corail	57	62	92
	Citronelle	76	118	64
Agalega		17	106	16
St Brandon*		-	-	-

- Below normal rainfall was recorded for Rodrigues
- Very dry atmospheric conditions prevailed over Agalega.

* The St. Brandon Meteorological Station is currently closed



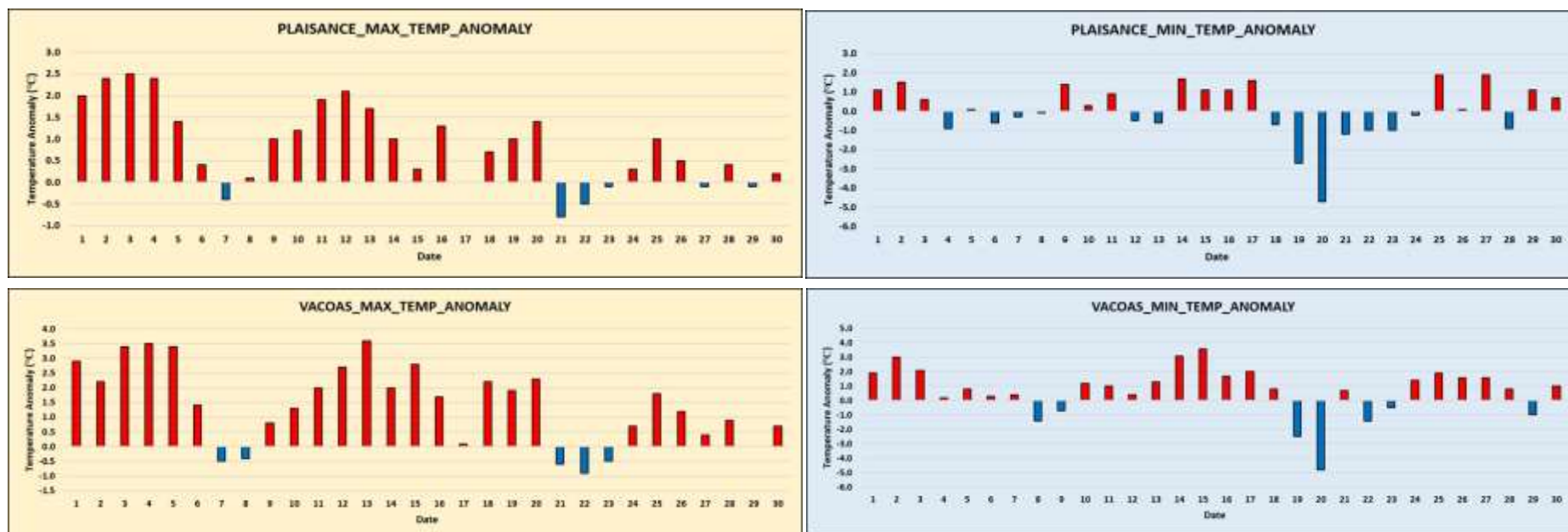
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Temperature for June 2026

Mean Minimum temperature at Vacoas and Plaisance were 17.4°C and 19.7°C with an anomaly of +0.7°C and +0.1°C with respect to LTM (91-20) respectively, whereas **Mean Maximum temperature** at Vacoas and Plaisance were 24.5°C and 26.3°C with an anomaly of +1.4°C and +0.8°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	20.7 °C (15 Jun)	27.1°C (13 Jun)	21.6°C (14 Jun)	28.3°C (03 Jun)
Lowest	11.6 °C (20 Jun)	21.8°C (22 Jun)	14.6°C (20 Jun)	24.4°C (21 Jun)



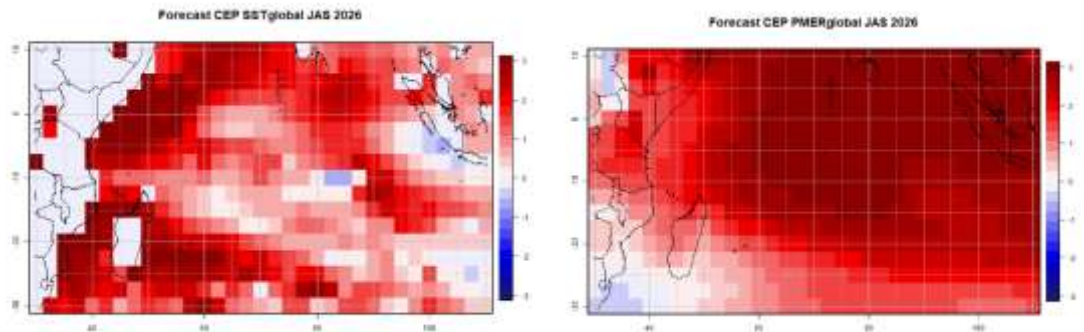
Figures: Temperature anomaly charts for Maximum and Minimum temperatures at Plaisance and Vacoas



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Rainfall and Temperature Forecast for Jul-Aug-Sep (JAS) 2026

Neutral IOD is expected in Jul-Aug-Sep (2026). **SIOD** is in a **moderate positive phase**. It is characterised by a warm anomaly in the western subtropics (South of Madagascar) and a cold anomaly over the eastern subtropics (West of Australia). 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).



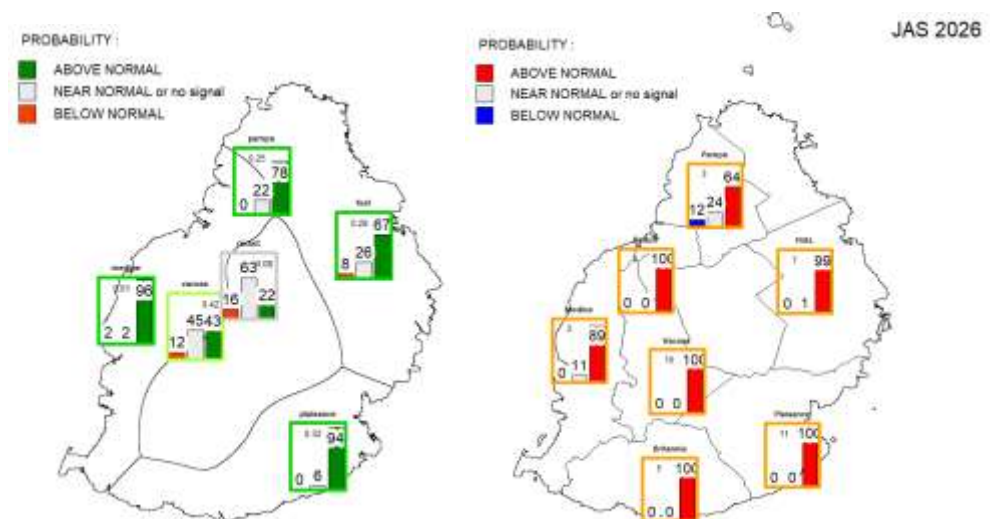
(a) Sea surface temperature (SST) anomaly and (b) pressure anomaly charts for JAS-2026

Consensus rainfall forecast for Mauritius

Based on the prevailing large-scale and regional atmospheric conditions, **the consensus rainfall forecast for JAS-2026 has been revised to Below Normal (77% of LTM)** and near normal as follows:

- **Jul-26:** Below Normal (90 mm) (70% of LTM)
- **Aug-26:** Below Normal (86 mm) (80% of LTM)
- **Sep-26:** Below Normal (70 mm) (80% of LTM)

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



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



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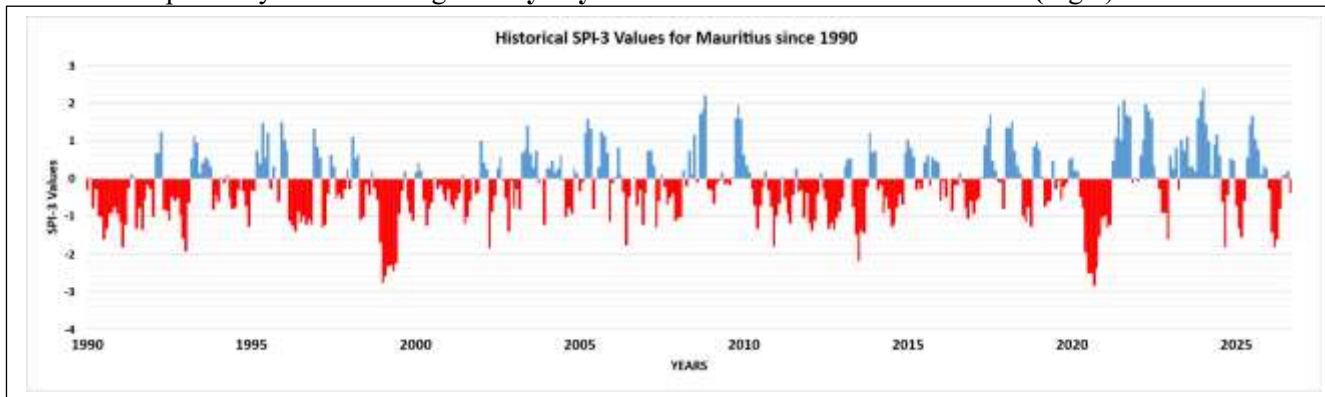
Standardised Precipitation Index (SPI) Monitoring in Mauritius

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

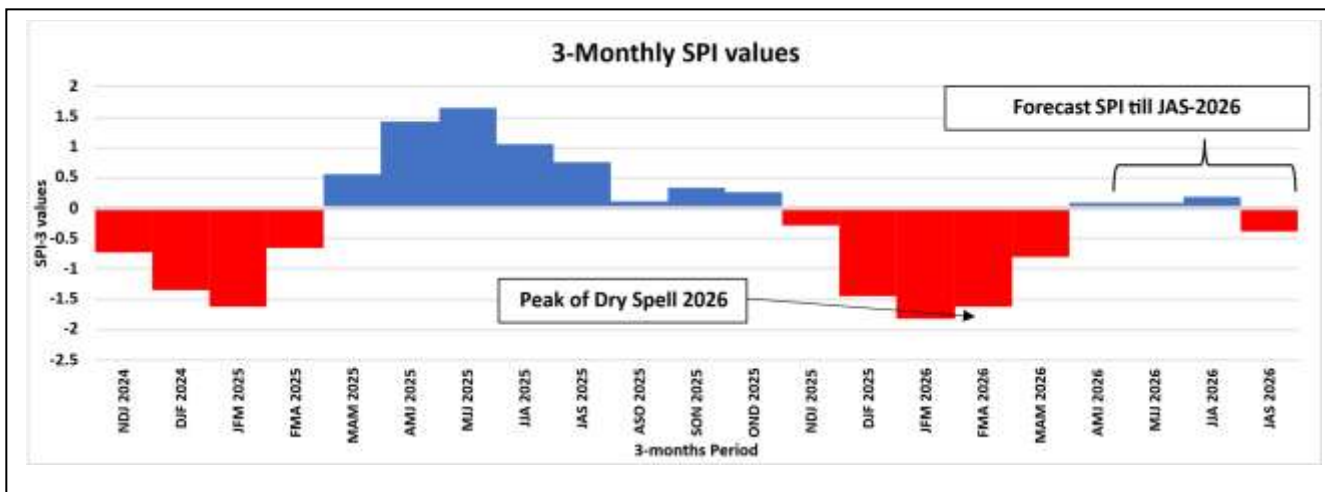
Current Status: Due to a temporary wet spell in second half of June-2026, this has compensated the on-going dry spell with an SPI value of **+0.09 for AMJ-2026**.

SPI Forecast: Near Normal conditions are expected to persist in **MJJ-26** and **JJA-26** with SPI-3 values of **+0.1** and **+0.18** respectively and becoming **weakly dry** in **JAS-26** with SPI-3 value of **-0.39** (Fig b).

Observed SPI-3 Status 2025/2026		
Period	SPI-3 Value	Category
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
JFM-26	-1.83	Severely Dry
FMA-26	-1.61	Severely Dry
MAM-26	-0.81	Weakly Dry
AMJ-26	+0.09	Near Normal
Forecast SPI-3 based on Monthly RR Data		
MJJ-26	+0.1	Near Normal
JJA-26	+0.18	Near Normal
JAS-26	-0.39	Weakly Dry



(a) Historical SPI-3 values since 1990



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

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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