



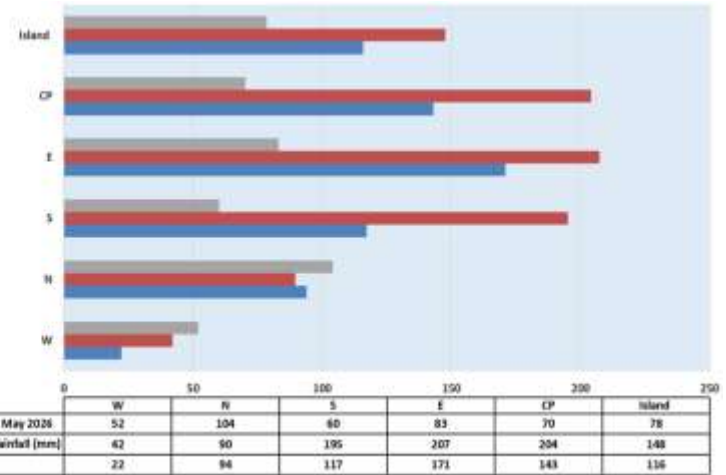
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Mean Rainfall for 1-31 May 2026 updated on 8 June 2026

Mauritius

Below normal rainfall was recorded for the month of May 2026, amounting to 116 mm, representing 78 % of the long-term mean.

The East recorded the highest rainfall, amounting to 171 mm, whereas, the North had the highest percentage of 104% of the long-term mean.



Outer Islands

		Amount (mm)		
Stations		Actual Rainfall	LTM Rainfall	% of LTM
Rodrigues	Pointe Canon	55	92	60
	Plaine Corail	52	76	68
	Citronelle	63	148	43
Agalega		101	118	85
St Brandon*		-	-	-

- Well below normal rainfall was recorded over Rodrigues
- Slightly below normal rainfall was recorded over Agalega.

* The St. Brandon Meteorological Station is currently closed



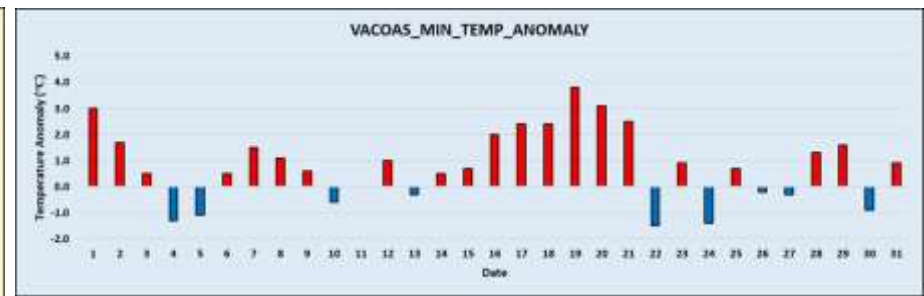
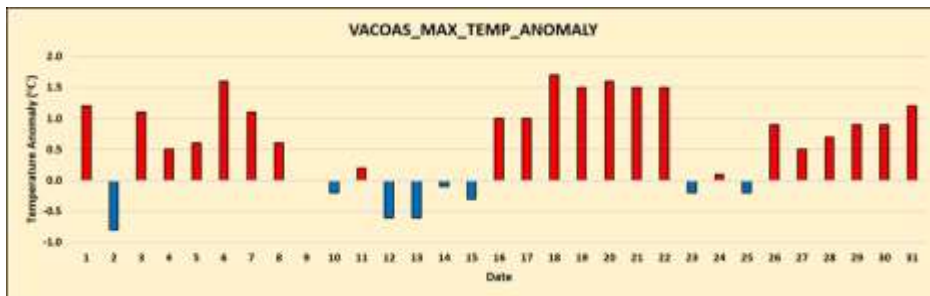
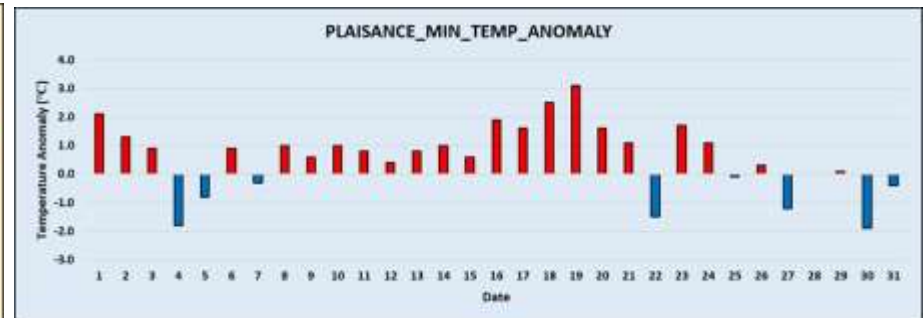
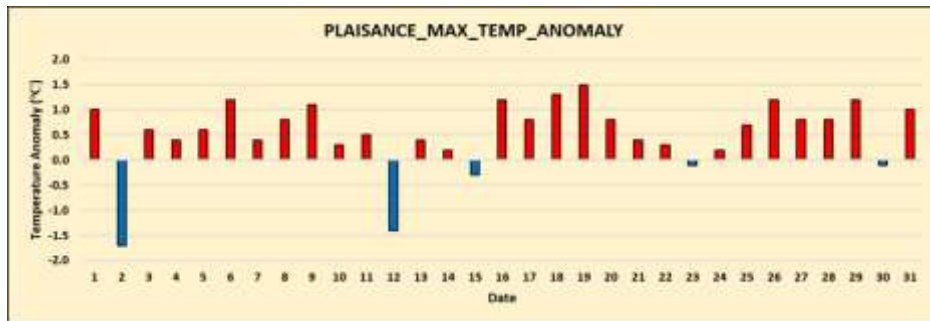
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Temperature for May 2026

Mean Minimum temperature at Vacoas and Plaisance were 19.1°C and 21.5°C with an anomaly of +0.8°C and +0.6°C with respect to LTM (91-20) respectively, whereas Mean Maximum temperature at Vacoas and Plaisance were 25.6°C and 27.7°C with an anomaly of +0.6°C and +0.5°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 (01 May)	27.2°C (06 May)	23.6°C (01 May)	28.8°C (06 May)
Lowest	16.3 °C (22 May)	24.3°C (23 May)	18.5°C (30 May)	25.9°C (02 May)



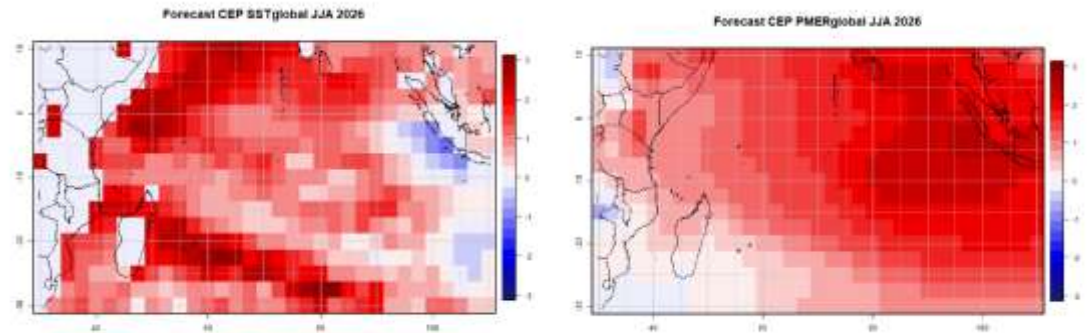
Figures: Temperature anomaly charts for Maximum and Minimum temperatures at Plaisance and Vacoas



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Rainfall and Temperature Forecast for Jun-Jul-Aug (JJA) 2026

Positive IOD is expected in Jun-Jul-Aug (2026). Figure (a), shows above normal SST anomalies off the Somalian coast (NW Indian Ocean) and below normal SST anomalies off the Sumatran coast (NE Indian Ocean). **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, an El-Nino event is developing. **Strong positive pressure anomalies** are expected over a large area on the eastern equatorial Indian Ocean (Fig b).



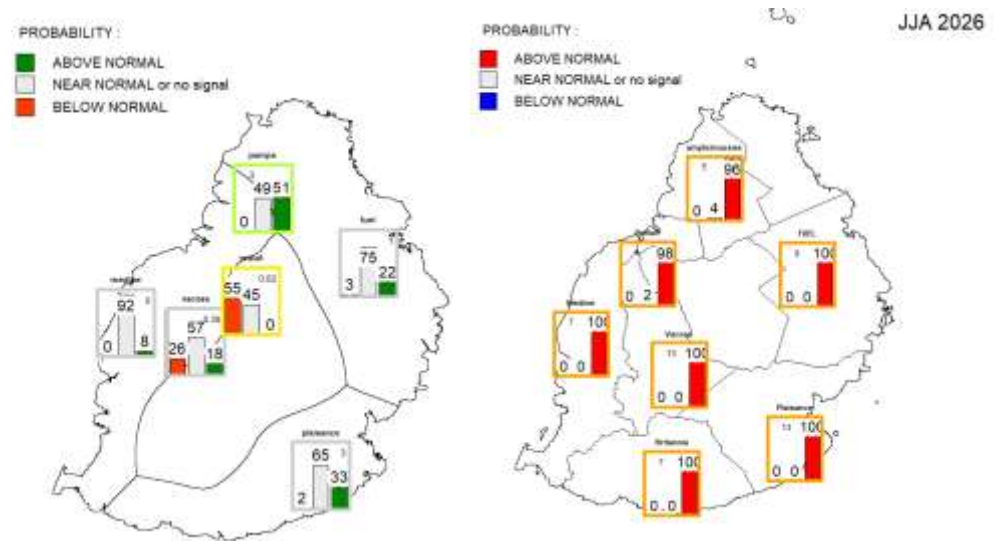
(a) Sea surface temperature (SST) anomaly and (b) pressure anomaly charts for JJA-2026

Consensus rainfall forecast for Mauritius

Based on the prevailing large-scale and regional atmospheric conditions, **the consensus rainfall forecast for JJA-2026 has been revised to Well Below Normal (63% of LTM)** as follows:

- **Jun-26:** Below Normal (83 mm) (70% of LTM)
- **Jul-26:** Well Below Normal (80 mm) (60% of LTM)
- **Aug-26:** Well Below Normal (65 mm) (60% of LTM)

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



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



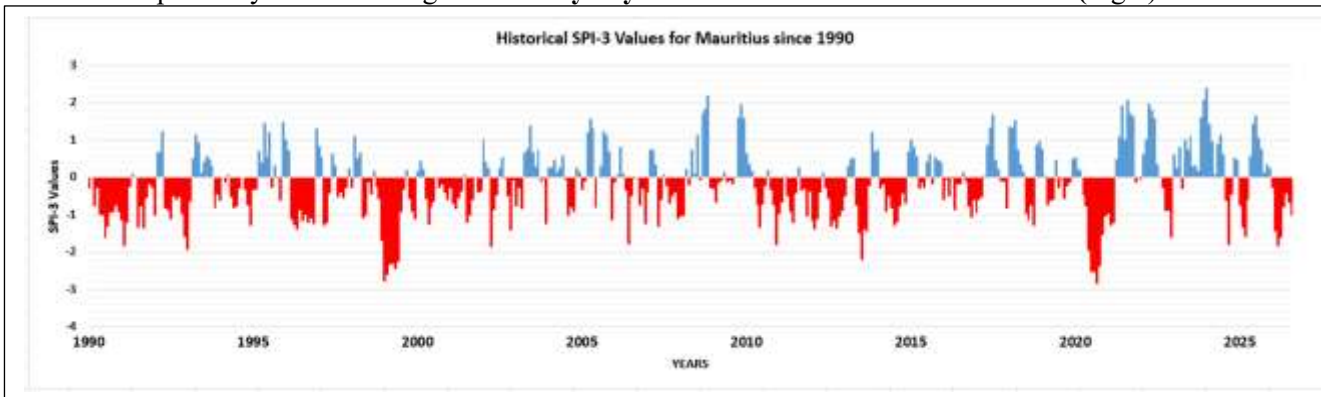
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Standardised Precipitation Index (SPI) Monitoring in Mauritius

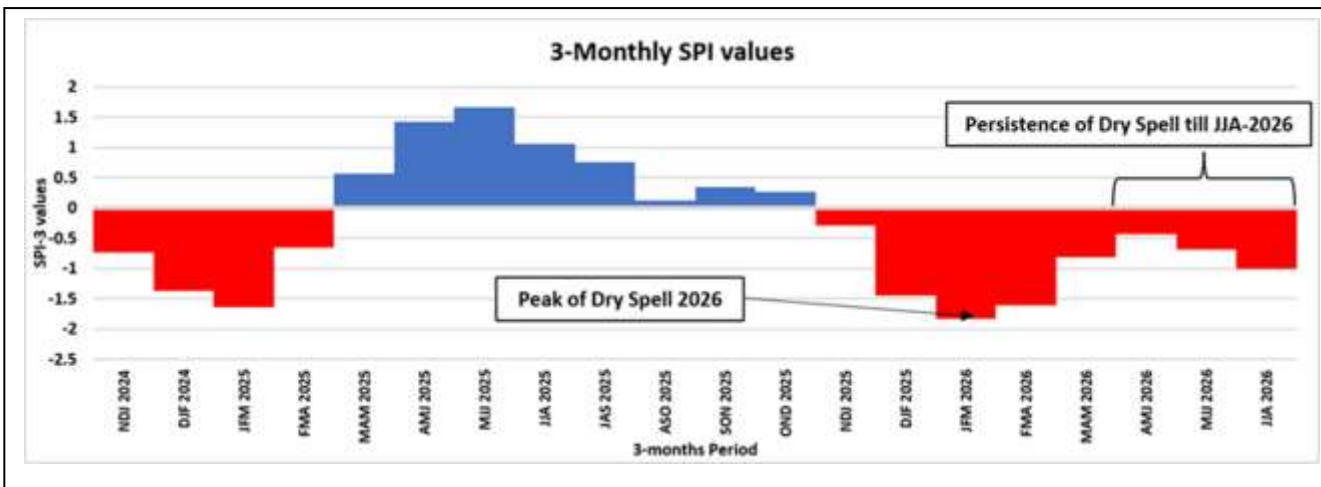
Aim: To apply the SPI, as recommended by the World Meteorological Organisation, in Mauritius to monitor rainfall deficits resulting into prolonged dry spell events.

Current Status: The on-going dry spell has peaked in **Jan-Feb-Mar 2026** and was **severely dry** with an SPI-3 value of **-1.83** (Fig b). Weakly **dry** conditions persisted for the period Mar-Apr-May 2026 with an SPI-3 value of **-0.81**.

SPI Forecast: Weakly **dry** conditions are expected to persist in **AMJ-26** and **MJJ-26** with SPI-3 values of **-0.43** and **-0.68** respectively and becoming **moderately dry** in **JJA-26** with SPI-3 value of **-1.01** (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
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
JFM-26	-1.83	Severely Dry
FMA-26	-1.61	Severely Dry
MAM-26	-0.81	Weakly Dry
Forecast SPI-3 based on Monthly RR Data		
AMJ-26	-0.43	Weakly Dry
MJJ-26	-0.68	Weakly Dry
JJA-26	-1.01	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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