



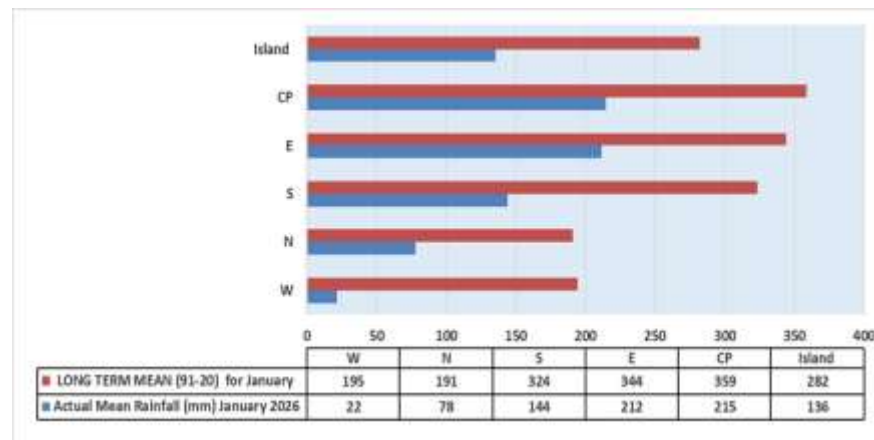
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Mean Rainfall for 1-31 January 2026 updated on 4 February 2026

Mauritius

January 2026 turned out to be the seventh driest January since the last 30 years with 136 mm of rainfall, representing 48% of the long-term mean.

The West recorded the least rainfall of 22 mm and the least percentage of 11% of the long-term mean



Outer Islands

		Amount (mm)		
Stations		Actual Rainfall	LTM Rainfall	% of LTM
Rodrigues	Pointe Canon	118	142	83
	Plaine Corail	58	139	42
	Citronelle	189	198	95
Agalega		433	273	158
St Brandon*		-	-	-

* The St. Brandon Meteorological Station is currently closed

- Below normal rainfall was recorded over Rodrigues
- Wet atmospheric conditions prevailed over Agalega.



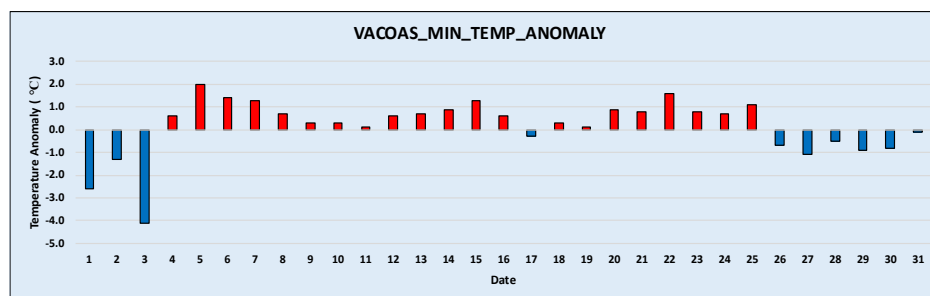
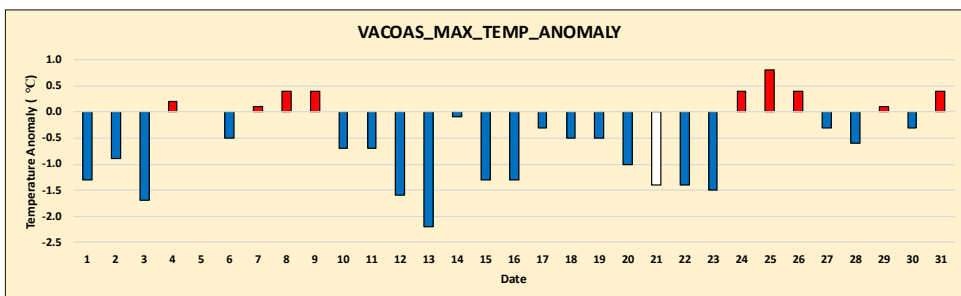
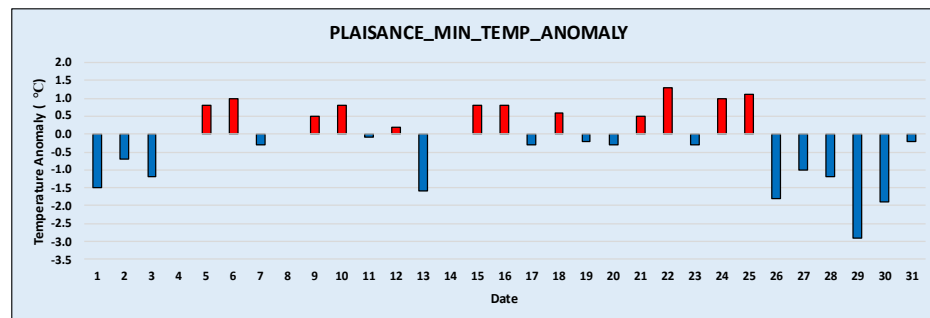
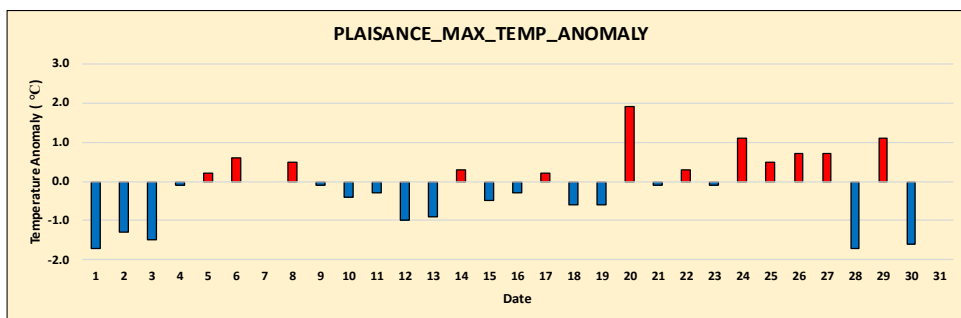
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Temperature for January 2026

Mean Minimum temperature at Vacoas and Plaisance were 21.4°C and 23.5°C with an anomaly of +0.2°C and -0.2°C with respect to LTM (91-20) respectively, whereas Mean Maximum temperature at Vacoas and Plaisance were 27.5°C and 30.1°C with an anomaly of -0.5°C and -0.1°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	23.2 °C (05 Jan)	29.0 °C (25 Jan)	25.1 °C (22 Jan)	32.2 °C (20 Jan)
Lowest	17.1 °C (03 Jan)	25.7 °C (13 Jan)	20.9 °C (29 Jan)	28.4 °C (01 Jan)



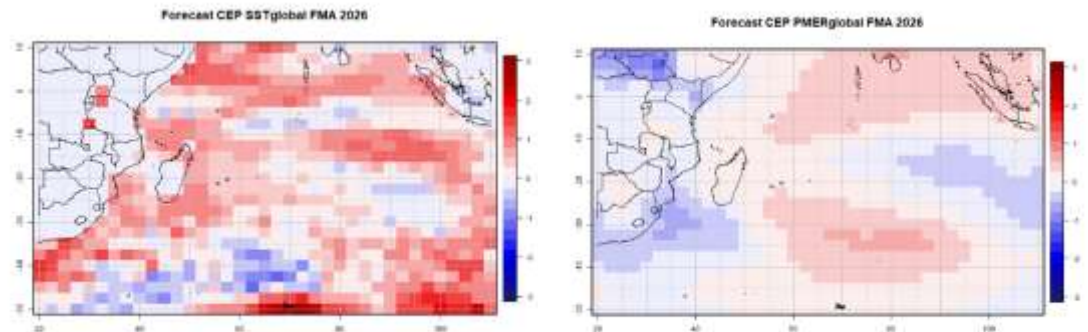
Figures: Temperature anomaly charts for Maximum and Minimum temperatures at Plaisance and Vacoas



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Rainfall and Temperature Forecast for Feb-Mar-Apr (FMA) 2026

IOD is expected to be **neutral** for Feb-Mar-Apr (2026) as per Figure (a), with no significant temperature contrast between the Somali coast (NW Indian Ocean) and the Sumatran coast (NE Indian Ocean). **SIOD** is in a **weak negative phase** and will tend towards neutral conditions. Over the Equatorial Pacific Ocean, the on-going **weak La Nina** is expected to become neutral in the coming months. Positive pressure anomalies are expected to develop over the central Indian Ocean, mainly in the subtropical region as shown in Figure (b).



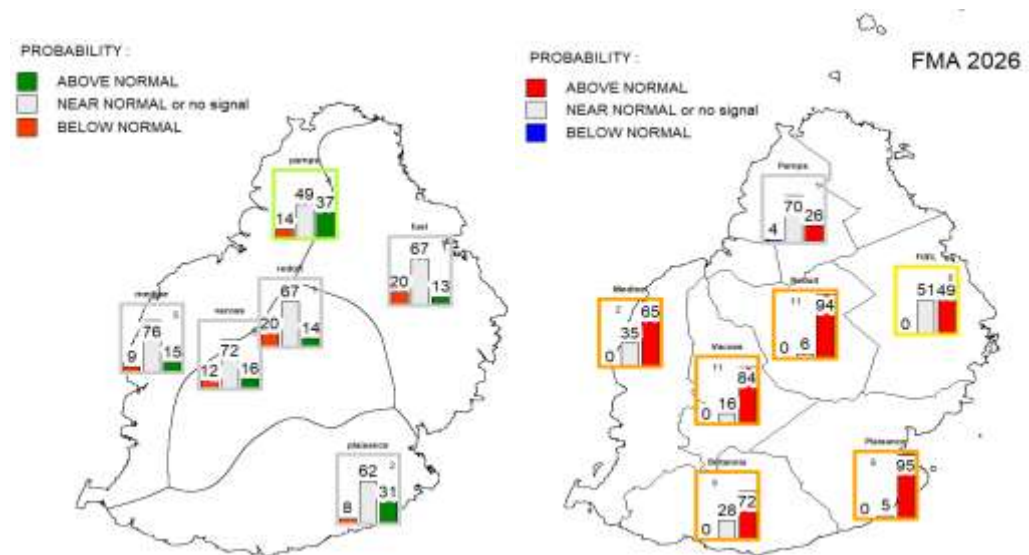
(a) Sea surface temperature (SST) anomaly and (b) pressure anomaly charts for FMA-2026

Consensus rainfall forecast for Mauritius

Statistical rainfall model prediction is indicating normal to slightly below rainfall for FMA-2026. However, based on the prevailing large scale and regional atmospheric conditions, the consensus rainfall forecast for FMA-2026 has been revised to below normal, that is 80% of the LTM:

- **Feb-26:** Below normal (240 mm) (75% of LTM)
- **Mar-26:** Below normal (235 mm) (80% of LTM)
- **Apr-26:** Slightly below normal (175 mm) (85% of LTM)

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



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



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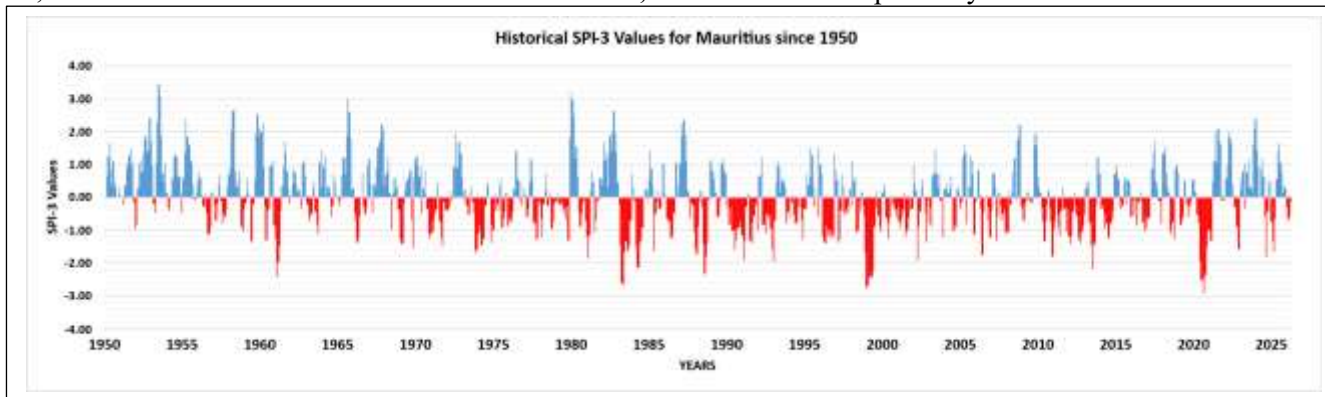
Standardised Precipitation Index (SPI) Monitoring in Mauritius

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

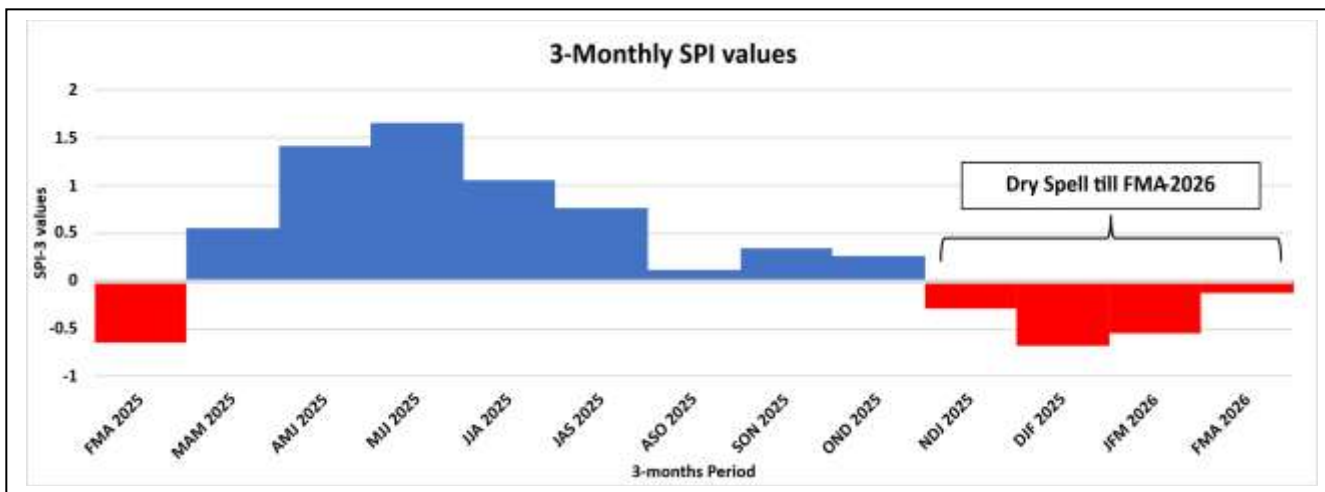
Current Status: A dry spell has started since January 2026 although **near normal** condition, with a negative tendency, was **observed** in NDJ-25 with an SPI-3 value of **-0.29** (Fig b).

SPI Forecast: Weakly dry condition is **expected to persist** in the coming months based on SPI values for DJF-25, JFM-26 and FMA-26 which are as follows: **-0.68**, **-0.55** and **-0.13** respectively.

Observed SPI-3 Status 2025/2026		
Period	SPI-3 Value	Category
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
NDJ-25	-0.29	Near Normal
Forecast SPI-3 based on Monthly RR Data		
DJF-25	-0.68	Weakly Dry
JFM-26	-0.55	Weakly Dry
FMA-26	-0.13	Near Normal



(a) Historical SPI-3 values since 1950



(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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