

**April-May-June 2021  
Seasonal Climate Outlook**





# SEYCHELLES METEOROLOGICAL AUTHORITY

## April-May-June Seasonal Climate Outlook



### 1.0 January-February-March 2021 Performance

Table 1 below shows that most stations recorded Normal rainfall during the JFM 2021 season, all of which are located around the central and northern part of Mahe and on Praslin. The stations in the southern region of Mahe recorded Below Normal rainfall, whereas Le Niol and Rochon both recorded Above Normal. Looking at the distribution from a spatial perspective, a large disparity is apparent. The stations in the South recorded far less rainfall than those in the Central and Northern region of Mahe and Praslin with significant negative.

	JFM TOTAL	JFM LONG TERM MEAN	BN	AN	BN?	AN?	ANOMALIES
Anse-Boileau	579.5	686.3	514.7	857.9	NO	NO	-106.8
Anse-Forbans	439.2	757.1	567.8	946.4	YES	NO	-317.9
Anse-Royale-Police-Station	393.2	670	502.5	837.5	YES	NO	-276.8
Anse-Royale-Waterwork-PUC	468.1	690.4	517.8	863.0	YES	NO	-222.3
Belombre	946	822.1	616.6	1027.6	NO	NO	123.9
Cascade-Waterwork-PUC	827.7	890.2	667.7	1112.8	NO	NO	-62.5
Fairview-La-Misere	820.4	838.1	628.6	1047.6	NO	NO	-17.7
Hermitage-Waterwork-PUC	867.4	741.8	556.4	927.3	NO	NO	125.6
La-Gogue-Waterwork-PUC	790.9	745.8	559.4	932.3	NO	NO	45.1
Le-Niol-Waterwork-PUC	1070.6	844.8	633.6	1056.0	NO	YES	225.8
Praslin-Airstrip	593.9	769.7	577.3	962.1	NO	NO	-175.8
Quatre-Bornes-Police-Station	321.4	598.8	449.1	748.5	YES	NO	-277.4
Rochon-Waterwork-PUC	1075.4	815.8	611.9	1019.8	NO	YES	259.6
Seychelles-International-Airport	785.5	747.2	560.4	934.0	NO	NO	38.3
Tea-Factory-Morne-Blanc	873.3	864.2	648.2	1080.3	NO	NO	9.1

Table 1: January-February-March rainfall performance

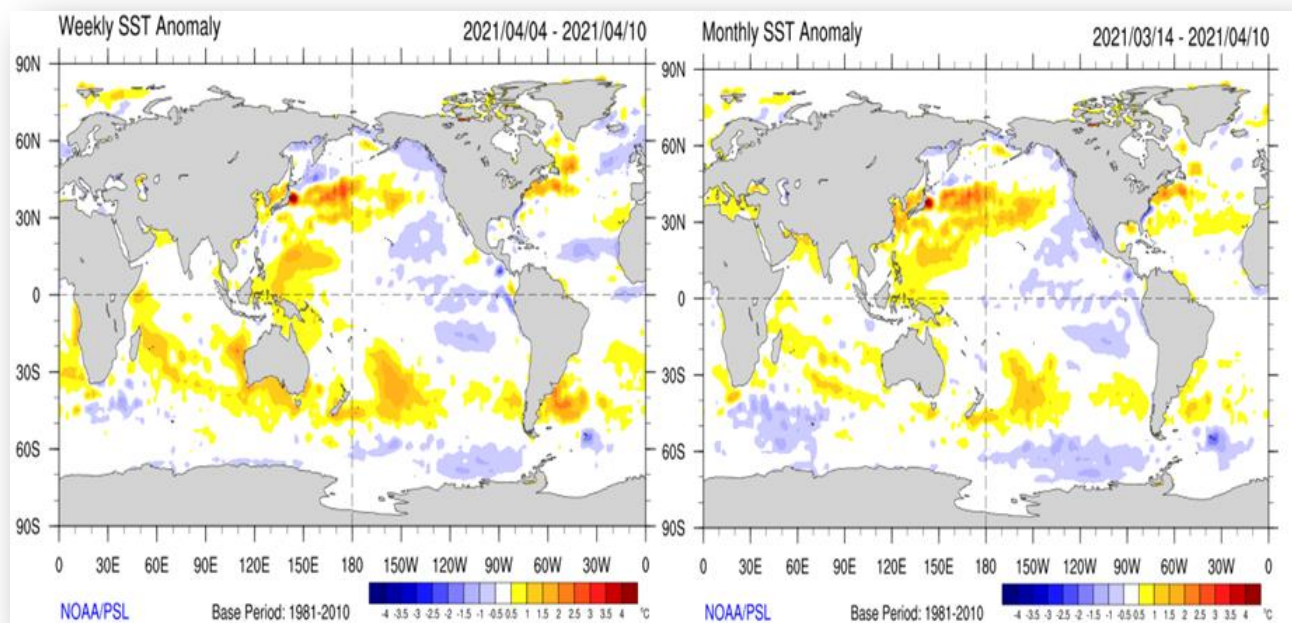
### 2.0 February-March-April 2021 Performance

Table 2 below shows how the February-March-April season is performing so far two months into the season. All the 15 stations are still recording Below Normal rainfall with significant negative anomalies. Considering that there is only one month remaining in the season, it is very likely that the performance will remain Below Normal.

	FEB TOTAL	MAR TOTAL	FEB + MAR	FMA LONG TERM MEAN	ANOMALIES
Anse-Boileau	76.9	86.0	162.9	495.9	-333.0
Anse-Forbans	86.1	71.1	157.2	491.8	-334.6
Anse-Royale-Police-Station	71.3	39.3	110.6	476.2	-365.6
Anse-Royale-Waterwork-PUC	69.6	61.9	131.5	426.8	-295.3
Belombre	278.1	114.2	392.3	539.5	-147.2
Cascade-Waterwork-PUC	199	116.4	315.4	653.9	-338.5
Fairview-La-Misere	189.2	120.0	309.2	504	-194.8
Hermitage-Waterwork-PUC	179.6	114.5	294.1	501.1	-207.0
La-Gogue-Waterwork-PUC	182	130.6	312.6	429	-116.4
Le-Niol-Waterwork-PUC	300	143.5	443.5	650.5	-207.0
Praslin-Airstrip	278.3	85.9	364.2	570.7	-206.5
Quatre-Bornes-Police-Station	76.9	67.0	143.9	373.2	-229.3
Rochon-Waterwork-PUC	274.1	106.3	380.4	528.9	-148.5
Seychelles-International-Airport	248.9	119.3	368.2	536.3	-168.1
Tea-Factory-Morne-Blanc	194.1	69.9	264.0	615.3	-351.3

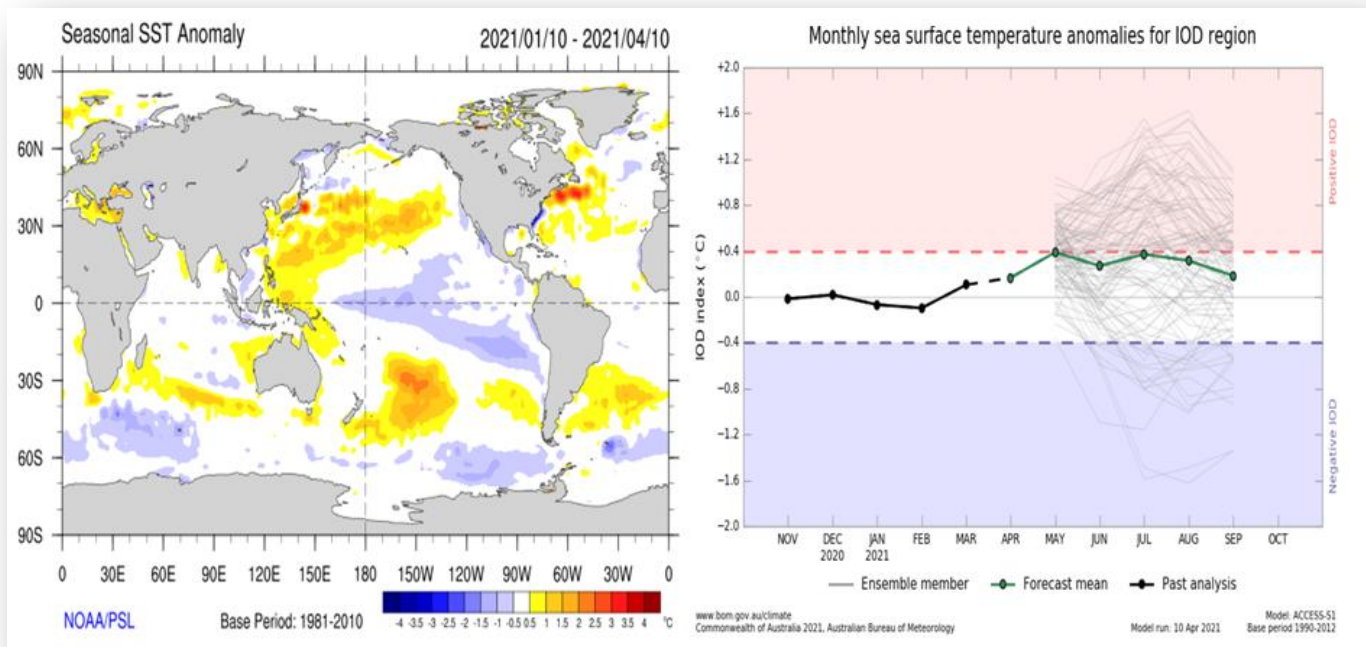
Table 2: February-March Rainfall Performance

### 3.0 Oceanic Patterns



*Figure 1: Latest weekly SST Anomalies*

*Figure 2: Latest Monthly SST Anomalies*



*Figure 3: Latest seasonal SST Anomalies*

*Figure 4: Latest Indian Ocean Dipole Index*



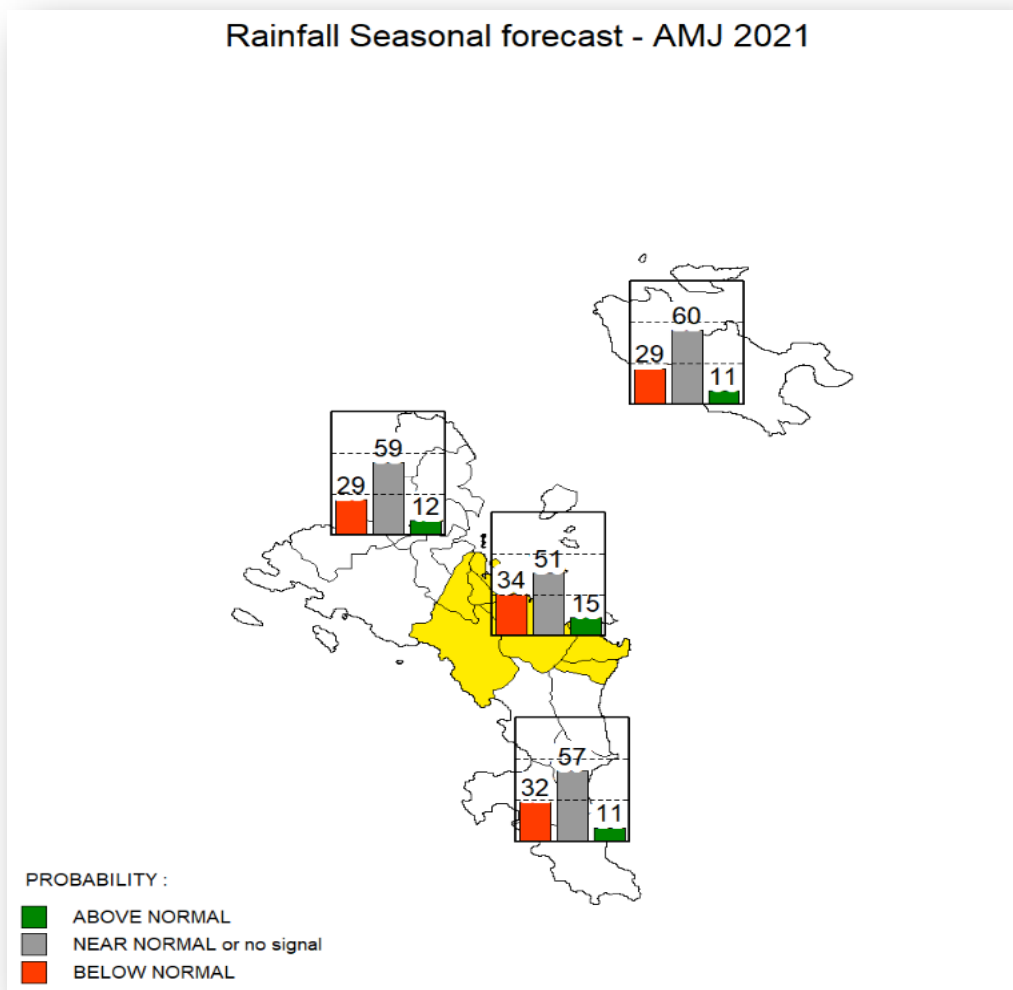
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## April-May-June Seasonal Climate Outlook



The weekly (Figure 1) and Monthly (Figure 2) sea surface temperature anomalies show some warming in the western part of the Indian Ocean, around the Seychelles Islands. However, the seasonal anomalies (Figure 3) still indicates neutral condition around the same area. The El Nino Southern Oscillation (ENSO) is currently neutral and is expected to maintain the condition throughout the April-May-June (AMJ) season. The Indian Ocean Dipole (IOD) is also neutral. The Latest outlook from the Australian Bureau of Meteorology is showing mixed results, however, it is worth noting that the model accuracy is generally lower at this period of the year. Therefore the current IOD outlook (Figure 4) should be viewed with caution.

### 4.0 March-April-May Rainfall Seasonal Forecast 2021



Based on the prevailing conditions over the South-west Indian Ocean, the probability-based rainfall outlook for April-May-June indicates an enhanced likelihood for Near Normal rainfall with a bias towards Below Normal over Mahe, Praslin and La Digue.