

**MINISTRY OF AGRICULTURE,
RURAL DEVELOPMENT AND ENVIRONMENT
DEPARTMENT OF METEOROLOGY
CY-1418 NICOSIA**

15 April 2021

MONTHLY WEATHER REPORT

THE WEATHER IN MARCH 2021

General Weather Conditions: In March the weather was relatively dry. Unstable weather conditions prevailed during the periods 1-4, on the 11th and during the periods 14-18, 20-26 and 30-31 of the month, giving rain, local thunderstorms, hail and snowfall over mountains. The mean air temperature was approximately 0.5°C above normal and the area average precipitation was 40.9mm or 66% of normal.

Severe Weather conditions: During the period 24-27 of the month, extremely low temperatures for the month were recorded almost in all areas of Cyprus causing damages to plantations. On the 31st of the month severe hailfall was recorded in the area of Palaioметоcho-Kokkinotrimithia.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in March was 40.9mm i.e. 66% of normal. Monthly precipitation was below normal almost in all areas, generally ranging from 23% (Paphos Airport) to 118% (Kalopanagiotis) of normal.

Snowfall was recorded on the 3rd (Troodos, Prodromos), on the 11th (Troodos), on the 17th (Troodos) and during the period 23-25 (Troodos, Prodromos, Amiantos, Agros, Agios Theodoros Agrou, Kyperounta, Pedoulas) of the month.

Hail was recorded during the periods 1-2 (Troodos, Kalo Chorio Lemesou, Agios Theodoros Agrou) and 23-24 (Agros, Limni, Athienou) and on the 31st (Palaioметоcho, Kokkinotrimithia) of the month.

The cumulative area average precipitation during the period October 2020 - March 2021 was about 313.8mm, i.e. 72% of normal. Generally, the cumulative precipitation was below normal almost in all areas, ranging from 50% (Drinia) to 102% (Agia Napa) of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was approximately 0.5°C above normal. The mean daily temperatures were below normal on the 2nd, on the 18th and during the period 24-28 of the month, while during the remaining days they were above or around normal. Extremely low temperatures for the month were recorded during the period 24-27 of the month, when maximum temperatures in inland areas and in the mountainous areas were about 4-12°C below normal. Maximum temperatures exceeded 19°C at Athalassa and Larnaka Airport on 23 and 27 occasions respectively. At Prodromos they exceeded 10°C on 19 occasions. Most stations recorded their highest maximum temperature on the 10th and during the period 21-22 of the month and their lowest minimum temperature during the period 25-27 of the month.

Air frost was recorded on 9 occasions in the mountainous areas, while ground frost was recorded on 9 occasions in inland areas and on 21 occasions in the mountainous areas.

The 5-day averages of air temperature and their deviations from normal at various places are shown in Table 1 and the extreme temperatures are shown in Table 2.

MARCH 2021

FIVE DAYS TEMPERATURES AND DEVIATIONS FROM NORMAL (°C)
PRELIMINARY DATA

Table 1

MEAN DAILY MAXIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	20	2	20	1	19	1	10	0	1
6--10	21	3	21	2	21	2	15	6	3
11--15	20	2	20	2	19	1	12	3	2
16--20	20	1	21	1	19	0	9	-1	0
21--25	21	1	22	2	21	2	12	1	2
26--31	20	-2	19	-1	19	-1	9	-4	-2
MONTH	20	1	20	1	19	1	11	1	1

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	6	-1	9	0	9	0	1	-2	-1
6--10	6	0	9	1	11	2	4	2	1
11--15	8	1	10	2	10	1	3	1	1
16--20	5	-2	10	2	12	3	1	-1	1
21--25	9	2	11	2	12	3	3	0	2
26--31	5	-3	7	-2	7	-2	-1	-5	-3
MONTH	6	-1	9	1	10	1	2	-1	0

Normal Period for Temperature = 1981 - 2010

Table 2

EXTREME TEMPERATURES								
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS	
TEMPERAT.	(°C)	DATE	(°C)	DATE	(°C)	DATE	(°C)	DATE
HIGHEST MAXIMUM	25.5	21	24.0	22	25.3	10	20.4	21
LOWEST MINIMUM	2.8	26	5.4	25	5.5	27	-3.1	26