

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

29 April 2022

MONTHLY WEATHER REPORT

THE WEATHER IN MARCH 2022

General Weather Conditions: In March the weather was dry and cold. Unstable weather conditions prevailed during the periods 1-5, 7-14, 17-18 and 20-25 of the month, giving rain, local thunderstorms, hail, near gale winds and snowfall over mountainous, semi mountainous and low land areas. The mean air temperature was approximately 2.5°C below normal and the area average precipitation was 44.3mm or 72% of normal.

Severe Weather conditions: During the period 2-4 and 9-29 of the month, extremely low temperatures for the time of the year, were recorded almost in all areas of Cyprus causing damages to plantations mainly in Ammochostos and Nicosia area. On the 3rd of the month severe hailfall, near gale winds, snowfall over the mountainous and semi mountainous areas and during the period 9-15 of the month (storm Filippou) apart the aforementioned weather phenomena snow had reached Nicosia city and other areas with low attitude. All the above caused damages in properties and plants.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in March was 44.3mm, i.e 72% of normal. Monthly precipitation was below normal almost in all areas, generally ranging from 38% (Kivides) to 113% (Meniko) of normal.

Snowfall was recorded on the 3rd (Troodos, Prodromos), during the period 9-14 (Troodos, Prodromos, Omodos, Kampos, Pano Platres, Galata, Saïttas, Ag. Theodoros Limasol, Kalopanagiotis, Stavrovouni, Drynia, Gourri, Meniko, Ag. Ioannis Malountas, Drousia, Pano Stroumpi, Apesia, Tseri, Athalassa), the period on the 17-18 (Troodos, Agios Theodoros Lemesou and during the period 20-24 (Troodos, Galata, Agios Theodoros Lemesou) of the month.

Hail was recorded during the periods 2-3 (Troodos), on the 10th (Drousia, Agios Theodoros Lemesou), on the 19th (Tseri), 23rd (Stavrovouni) and 24th (Omodos).

The cumulative area average precipitation during the period October 2021 - March 2022 was about 495.9mm, i.e. 113% of normal. Generally, the cumulative precipitation was below normal almost in all areas, ranging from 88% (Agia Napa) to 153% (Kato Drys) of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was 2.5°C below normal. The mean daily temperatures were below normal for the whole month but the 5th, 28th, 30th and 31st of the month, while the remaining days mean daily temperatures were above or around normal. Extremely low temperatures for the month were recorded during the periods 11-16 and 19-24 of the month, with maximum temperatures dropping about 4-12°C below normal inland and over the mountainous areas. Maximum temperatures exceeded 19°C at Athalassa and Larnaka Airport only in 5 cases respectively. At Prodromos they exceeded 10°C in 5 cases. Most stations recorded their highest maximum temperature during the period 30-31 of the month and their lowest minimum temperature on the 12th and 14th of the month.

Air frost was recorded in 19 occasions in the mountainous areas, 2 inland and 1 in the coastal areas, while ground frost was recorded in 23 occasions the mountainous areas and in 15 occasions inland.

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 2022

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	16	-2	18	-1	18	0	7	-3	-1
6--10	18	0	18	0	19	0	8	-2	-1
11--15	10	-8	14	-5	13	-5	-1	-10	-7
16--20	13	-6	16	-4	15	-3	4	-6	-5
21--25	14	-6	15	-4	16	-3	4	-7	-5
26--31	22	0	20	0	20	1	13	0	0
MONTH	16	-3	17	-2	17	-2	6	-4	-3

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

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	24.8	31	23.0	30	21.5	29	17.5	31
LOWEST MINIMUM	-1.4	14	0.1	12	2.4	14	-7.6	14