

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

10 May 2022

MONTHLY WEATHER REPORT

THE WEATHER IN APRIL 2022

General Weather Conditions: In April the weather was extremely dry and hot. There were no unstable weather conditions, only rain in Troodos (0.5mm) on the 11th of the month. The mean air temperature was about 2.5°C above normal and the area average precipitation was 0mm i.e. 0% of normal.

Severe Weather conditions: No exceptional or unusual weather phenomena were recorded or reported during the month. A dust wave from the Sahara covered whole Cyprus for 8 consecutive days with concentrations exceeding the acceptable limit of (50mg/m³).

Precipitation (normal period: 1961-1990): The average precipitation in April was 0mm or 0% of normal and is the minimum rainfall amount recorded in Cyprus for the month April since 1902 along with the case of 1924 (where average rainfall of April was 0mm or 0% of normal).

There was no snowfall recorded during the month.

There was no hail recorded during the month.

The cumulative area average precipitation during the period October 2021 - April 2022 was about 495.9mm, i.e. 106% of normal. The cumulative precipitation ranged between 94% (Xylotymbou) and 133% (Lefkara Dam) of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was about 2.5°C above normal. Mean daily temperatures were below normal on the 8th, during the periods 11-14 and 19-20 of the month, while during the rest of the month they were above or around normal. Extremely low daily maximum temperature for the time of the year was recorded on the 12th of the month and it was 5.3°C below normal inland and over the mountainous areas. Extremely high temperatures for the month were recorded during the periods 1-2, 4-5, on the 7th, 9th, during the period 23-25 and on the 29th of the month, where maximum temperatures inland and in the mountainous areas were about 5-10°C above normal. Maximum temperatures exceeded 25°C at Athalassa and 23°C in Larnaka Airport in 24 occasions, respectively. At Prodromos they exceeded 15°C on 26 occasions. Most stations recorded their highest maximum temperature during the period 24-25 and on the 30th of the month and their lowest minimum temperature on the 12th and 14th of the month.

There was no air frost recorded, whereas ground frost was recorded in 2 cases 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.

APRIL 2022

FIVE-DAY 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	28	6	26	5	23	3	22	9	6
6--10	27	4	25	4	22	1	21	7	4
11--15	23	-2	22	-1	21	-1	14	-3	-2
16--20	26	2	25	2	25	3	20	4	3
21--25	32	7	26	2	23	1	22	6	4
26--30	31	4	26	2	24	2	22	4	3
MONTH	28	3	25	2	23	2	20	5	3

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	10	1	13	2	13	3	12	7	3
6--10	12	3	13	3	14	3	11	5	3
11--15	8	-2	10	-2	11	-1	3	-4	-2
16--20	13	2	15	3	15	3	9	2	3
21--25	12	1	15	2	13	1	12	5	2
26--30	11	-1	14	1	13	1	12	4	1
MONTH	11	1	13	2	13	1	10	3	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	35.2	24	32.0	30	30.5	30	25.6	25	
LOWEST MINIMUM	5.2	14	8.3	13	8.7	14	1.9	12	