

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

**22 May 2023**

**MONTHLY WEATHER REPORT**

**THE WEATHER IN APRIL 2023**

**General Weather Conditions:** In April the weather was wet and temperatures were normal for the time of the year. Unstable weather conditions occurred during the periods 4-5, 9-13, 18-19, 21-22 και 27-30 of the month. The mean air temperature was normal and the area average precipitation was 37.7mm i.e.126% of normal.

**Severe Weather conditions:** On the 12-13th and 28-29th of the month, severe weather conditions affected whole Cyprus with lots of rain, local thunderstorms, heavy hail and snow in Troodos. The rains were locally prolonged and caused flooding in several areas mainly in Larnaca and parts of the highway. There was a temporary power outage in many areas due to the bad weather conditions. There was also considerable damage to crops, mainly due to the hailstorm. On the 29th of the month, waterspouts occurred in the area of Akamas.

**Precipitation (normal period: 1961-1990):** The average precipitation in April was 37.7mm i.e.126% of normal. Monthly precipitation generally varied between 35% (Ayia Napa) and 268% (Stavrovouni) of normal.

Snowfall was recorded during the 11<sup>th</sup>, 12<sup>th</sup> and 29<sup>th</sup> of the month in Troodos.

Hail was recorded on the 12<sup>th</sup> in (Athalassa, Pera Chorio Nísou, Agía Varvara, Alambra, Athiainou, Aradippou, Troulloi, Pafos (hail size of a nut), aftokinitodromos Limassol-Nicosia highway near Kornos, Stavrovouni, Alethrikó, Troodos, Farmakas, Lasa Páfou, Anglisides, Klirou, Stavrovouni, Akáki), on the 13<sup>th</sup> (Ménoiko), on the 28<sup>th</sup> (Troodos, Stroumpí, Páchna, Agros, Palaichóri, Stavrovouni, Agía Varvára, Athiainou) and on the 29<sup>th</sup> (Athalassa-Aglantzia, Strovolos, Dasoupoli, Énkomi, Akropoli, Ag. Dometios, Dali, Kornos, Psimolofou, Astromeritis, Kyperounta, Askas, Lythrodontas, Palaichori, Erimi, Lemesos, Ypsonas, Chandria, Kantou, Kapileio, Fterikoudi, Kellaki, Armou, Ag. Ioannis Limassol, Polemidia, Episkopi Lem., Vouni, Lása, Larnaka, Kato Pafos, Stroumpí, Letymbou, Fterikoudi, Alona, Pachna of the month.

The cumulative area average precipitation during the period October 2022 - April 2023 was about 424.7mm, i.e. 91% of normal. The cumulative precipitation ranged between 64% (Zygi) and 139% (Ayia Napa) of normal.

**Temperature (normal period: 1981-2010):** The mean air temperature for the month was normal. Mean daily temperatures were below normal on the 1<sup>st</sup>, 6<sup>th</sup> and during the periods 12<sup>th</sup>-15<sup>th</sup> and 25<sup>th</sup> -30<sup>th</sup> of the month, whereas the rest of the month mean daily temperatures were above or around normal. Quite low daily maximum temperature for the time of the year was recorded on the 29<sup>th</sup> of the month and it was 5.1°C below normal inland and over the mountainous areas. Quite high temperature for the month was recorded on the 18<sup>th</sup> of the month, where maximum temperature inland was 5.3°C above normal. Maximum temperatures exceeded 25°C at Athalassa in 13 cases and 23°C in Larnaka Airport in 15 cases. At Prodromos they exceeded 15°C on 15 cases. Most stations recorded their highest maximum temperature on the 18<sup>th</sup> of the month and their lowest minimum temperature on the 1<sup>st</sup> and 13<sup>th</sup> of the month.

There was no air frost neither ground frost recorded.

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 2023

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	24	2	22	1	21	1	15	2	2
6--10	23	0	22	1	22	2	14	0	1
11--15	22	-3	22	-1	20	-2	12	-4	-2
16--20	29	4	27	4	24	2	20	4	4
21--25	26	1	24	0	22	0	17	1	0
26--30	23	-4	23	-2	22	-1	13	-4	-3
<b>MONTH</b>	<b>25</b>	<b>0</b>	<b>23</b>	<b>1</b>	<b>22</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>0</b>

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	7	-2	11	0	12	2	4	-1	0
6--10	10	0	14	3	14	4	5	0	2
11--15	8	-2	11	0	12	1	2	-5	-2
16--20	12	1	15	3	14	2	10	4	3
21--25	10	-1	12	0	13	1	6	-2	-1
26--30	9	-3	12	-1	12	0	4	-4	-2
<b>MONTH</b>	<b>9</b>	<b>-1</b>	<b>13</b>	<b>1</b>	<b>13</b>	<b>1</b>	<b>5</b>	<b>-1</b>	<b>0</b>

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	34.5	18	29.7	18	26.2	18	24.2	18	
LOWEST MINIMUM	4.1	1	7.1	1	9.9	1	0.4	13	