

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

11 July 2023

MONTHLY WEATHER REPORT

THE WEATHER IN JUNE 2023

General Weather Conditions: The weather in June was dry and the temperature was at normal levels for the time of the year. Unstable weather conditions prevailed during the periods 1-2, 5-6, 8-9, 11-14, 16-19, 28-29 of the month and caused locally heavy showers and isolated thunderstorms inland and over the mountainous areas. The average June temperature was normal and the average monthly rainfall was 3.3mm or 55% of normal.

Severe Weather conditions: On the 5th and 13th of the month locally heavy showers and isolated thunderstorms were reported inland and over the mountainous areas.

Precipitation (normal period: 1961-1990): According to preliminary estimations the area average precipitation in June was 3.3mm i.e 55% of normal. Monthly precipitation ranged from 0% to 360% (Lythrodontas) of normal.

The cumulative area average precipitation during the period October 2022-June 2023 was about 445.8mm, i.e 90% of normal. The cumulative precipitation ranged from 68% (Prodromos) to 126% (Athalassa) of normal.

Hail was not reported.

Temperature (normal period: 1981-2010): The mean air temperature for the month was at the normal levels for the time of the year. Mean daily temperatures were below normal on the 5th and 18th-20th of the month, while the rest of the month were above or near normal. There were no heat wave conditions (maximum daily temperature above 40°C) during the month. Maximum temperatures exceeded 34°C at Athalassa in 16 cases, at Larnaka Airport exceeded 30°C in 13 cases and at Prodromos they exceeded 25°C in 12 cases. Most stations recorded their highest maximum temperature during the period 24-25 and their lowest minimum temperature during the period 4-5 of the month.

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.

JUNE 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	31	-1	28	0	28	2	23	0	0
6--10	34	1	30	0	28	1	24	0	1
11--15	32	-2	29	-1	27	0	23	-2	-1
16--20	33	-1	29	-1	28	0	24	-2	-1
21--25	36	1	33	2	30	2	27	0	1
26--30	37	1	31	-1	30	1	28	2	1
MONTH	34	0	30	0	29	1	25	0	0

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	16	-1	19	1	19	3	12	-1	1
6--10	19	0	20	1	20	2	14	0	1
11--15	18	-1	20	1	20	2	13	-2	0
16--20	18	-2	20	0	21	2	13	-3	-1
21--25	22	1	22	2	21	2	15	-1	1
26--30	20	-1	22	0	20	1	17	0	0
MONTH	19	-1	20	1	20	2	14	-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	38.7	25	34.0	24	34.1	2	29.8	25
LOWEST MINIMUM	14.3	5	16.5	5	17.2	5	9.6	4