

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

16 August 2023

MONTHLY WEATHER REPORT

THE WEATHER IN JULY 2023

General Weather Conditions: The weather in July was dry and hot. Unstable weather conditions were reported on the 1st, 2nd, 9th and 30th of the month. The mean temperature in July was approximately 2.3°C above normal and the area average precipitation was 0.3mm i.e. 12% of normal.

Severe Weather conditions: No severe weather phenomena were occurred during the month.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in July was 0.3mm or 12% of normal.

The cumulative area average precipitation during the period October 2022-July 2023 was about 495.6mm, i.e. 90% of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was about 2.3°C above normal. Mean daily temperatures were slightly below normal during the period 1st - 3rd of the month, while the rest of the month was above or near normal. High temperatures were recorded during the period 13-28 and 30-31 of the month, where maximum temperatures varied from 3 to 8°C above normal. Maximum daily temperatures above 40°C occurred during the period 13th - 31st of the month. Maximum temperatures exceeded 37°C at Athalassa in 27 occasions, exceeded 32°C at Larnaka in 27 occasions, exceeded 30°C in Paphos in 30 occasions and at Prodromos they exceeded 28°C on 27 occasions. Most Stations recorded their highest maximum temperature on the 15th, 16th and 24th of the month and their lowest minimum temperature on the 3rd and on the 10th 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.

JULY 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	37	1	32	0	30	1	30	2	1
6--10	37	0	33	1	32	2	29	1	1
11--15	41	4	37	4	33	4	30	2	3
16--20	42	4	36	4	33	3	32	5	4
21--25	42	5	37	4	34	4	32	4	4
26--31	41	3	35	2	33	2	32	4	3
MONTH	40	3	35	3	33	3	31	3	3

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	20	-1	22	1	21	1	19	1	1
6--10	22	0	23	2	23	2	17	0	1
11--15	26	4	26	4	24	4	19	1	3
16--20	25	3	26	3	24	3	21	3	3
21--25	25	2	26	4	25	3	22	3	3
26--31	23	0	24	2	24	2	21	2	2
MONTH	23	1	25	3	23	3	20	2	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	44.6	15	40.4	24	36.0	15 & 16	34.5	24
LOWEST MINIMUM	18.3	3	21.8	5 & 19	20.4	3	15.0	10