

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

12 August 2021

MONTHLY WEATHER REPORT

THE WEATHER IN JULY 2021

General Weather Conditions: The weather in July was dry and hot. Unstable weather conditions prevailed on the 10th and during the period 23-25 of the month, giving isolated showers and thunderstorms in some areas. The mean temperature in July was approximately 1.5°C above normal and the area average precipitation was 1.3mm i.e. 50% of normal.

Severe Weather conditions: During the periods 1-2, 8-12, 14-19 and 27-31 of July extremely high temperatures were recorded all around Cyprus. On 23rd of the month, severe rainfall and strong winds affected the areas of Anthoupolis and Lakatamia causing damages to properties.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in July was 1.3mm i.e. 50% of normal. Monthly precipitation was below normal in most areas.

The cumulative area average precipitation during the period October 2020-July 2021 was about 337.3mm, i.e. 68% of normal. Generally, the cumulative precipitation was below normal in all areas, ranging from 48% (Xylotymvou) to 85% (Frenaros) of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was about 1.5°C above normal. Mean daily temperatures were below normal on the 3rd, on the 6th, during the period 20-21 and on the 23rd of the month, while during the rest of the month they were above normal. Extremely high temperatures were recorded during the periods 1-2, 8-12, 14-19 and 27-31 of the month, when maximum temperatures were up to 7°C above normal. Heat wave conditions (maximum daily temperature above 40°C) prevailed during the periods 1-2, 8-12, 14-17, 27-28 and 30-31 of the month. Maximum temperatures exceeded 37°C at Athalassa on 25 occasions, exceeded 32°C at Larnaka on 29 occasions and at Prodromos they exceeded 28°C on 29 occasions. Most Stations recorded their highest maximum temperature on the 2nd and on the 28th of the month and their lowest minimum temperature on the 5th 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 2021
 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	39	3	34	1	32	2	30	3	2
6--10	39	2	34	2	31	1	29	2	2
11--15	40	4	35	3	31	1	32	4	3
16--20	39	2	35	2	31	1	32	4	2
21--25	38	1	34	1	31	1	30	2	1
26--31	40	3	37	4	34	3	31	3	3
MONTH	39	2	35	2	32	2	31	3	2

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	22	1	23	1	23	3	18	1	2
6--10	23	1	23	1	23	3	18	0	1
11--15	25	3	24	3	24	4	20	2	3
16--20	23	1	24	2	23	2	19	1	1
21--25	22	0	24	2	24	3	18	-1	1
26--31	26	3	26	3	24	3	19	0	2
MONTH	24	2	24	2	24	3	19	0	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	43.1	2	39.0	28	37.3	28	34.6	2
LOWEST MINIMUM	18.5	5	21.3	5	21.3	5	15.9	5