

**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 10<sup>th</sup> 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 23<sup>rd</sup> 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 3<sup>rd</sup>, on the 6<sup>th</sup>, during the period 20-21 and on the 23<sup>rd</sup> 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 2<sup>nd</sup> and on the 28<sup>th</sup> of the month and their lowest minimum temperature on the 5<sup>th</sup> 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
<b>MONTH</b>	<b>39</b>	<b>2</b>	<b>35</b>	<b>2</b>	<b>32</b>	<b>2</b>	<b>31</b>	<b>3</b>	<b>2</b>

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	22	2	18	1	1
6--10	23	1	23	1	22	2	18	0	1
11--15	25	3	24	3	22	2	20	2	3
16--20	23	1	24	2	21	0	19	1	1
21--25	22	0	24	2	23	2	18	-1	1
26--31	26	3	26	3	21	0	19	0	2
<b>MONTH</b>	<b>24</b>	<b>2</b>	<b>24</b>	<b>2</b>	<b>22</b>	<b>1</b>	<b>19</b>	<b>0</b>	<b>1</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	43.1	2	39.0	28	37.3	28	34.6	2
LOWEST MINIMUM	18.5	5	21.3	5	19.8	2, 31	15.9	5