

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

**20 September 2022**

**MONTHLY WEATHER REPORT**

**THE WEATHER IN AUGUST 2022**

**General Weather Conditions:** In August the weather was normal to relatively hot and dry. Unstable weather conditions occurred on the 20<sup>th</sup>, 21<sup>st</sup> and 25<sup>th</sup> of the month, giving isolated thundery showers inland and over mountains. The mean air temperature was about 0.5°C above normal and the area average precipitation was 0.8mm i.e 28% of normal.

**Severe weather Conditions:** On the 20<sup>th</sup> of August a tornado was reported in Aglandjia but with no report of damages. Relatively high temperatures were recorded some days almost in all areas of Cyprus.

**Precipitation (normal period: 1961-1990):** According to preliminary estimates, the area average precipitation in August was 0.8mm i.e. 28% of normal. Monthly precipitation ranged from 0% to 186% (Ag. Theodoros Agrou) of normal.

The cumulative area average precipitation during the period October 2021 - August 2022 was about 508.2mm, i.e. 102% of normal. The cumulative precipitation was below normal in all areas, generally ranging from 77% (Palaichori) to 126% (Vavla) of normal.

**Temperature (normal period: 1981-2010):** The mean air temperature for the month was about 0.5°C above normal. Mean daily temperatures were below normal during the periods 7-13, 15-16 and 22-27 of the month, while during the rest of the month they were above or around normal. Mainly high temperatures were recorded on the 1<sup>st</sup>, 5<sup>th</sup>, 18<sup>th</sup> and 21<sup>st</sup> and during the periods 29-31 of the month, where maximum temperatures were about 3°C above normal. No heat wave conditions (maximum daily temperature above 40°C) were occurred. Maximum temperatures exceeded 37°C at Athalassa in 18 occasions, 33°C at Larnaka Airport in 13 occasions and at Prodromos they exceeded 27°C in 24 occasions (the whole month). Most stations recorded their highest maximum temperature on the 5<sup>th</sup>, 10<sup>th</sup> and 16<sup>th</sup> of the month and their lowest minimum temperature on the 9<sup>th</sup> and during the period 17-18<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.

**AUGUST 2022**

**FIVE-DAY TEMPERATURES AND DEVIATIONS FROM NORMAL ( °C )**

**Preliminary Data**

**Table 1**

<b>MEAN DAILY MAXIMUM</b>									
<b>STATION</b>	<b>ATHALASSA</b>		<b>LARNAKA AIRPORT</b>		<b>PAFOS AIRPORT</b>		<b>PRODROMOS</b>		<b>MEAN DEV.</b>
<b>DATES</b>	<b>ACTUAL</b>	<b>DEV.</b>	<b>ACTUAL</b>	<b>DEV.</b>	<b>ACTUAL</b>	<b>DEV.</b>	<b>ACTUAL</b>	<b>DEV.</b>	
1--5	40	2	33	0	31	1	32	4	2
6--10	37	0	33	0	31	1	28	-1	0
11--15	38	0	33	0	31	0	29	0	0
16--20	39	2	33	0	31	0	31	2	1
21--25	36	-1	33	0	31	0	29	1	0
26-31	37	1	33	1	30	0	30	3	1
<b>MONTH</b>	<b>38</b>	<b>1</b>	<b>33</b>	<b>0</b>	<b>31</b>	<b>0</b>	<b>30</b>	<b>2</b>	<b>1</b>

<b>MEAN DAILY MINIMUM</b>									
<b>STATION</b>	<b>ATHALASSA</b>		<b>LARNAKA AIRPORT</b>		<b>PAFOS AIRPORT</b>		<b>PRODROMOS</b>		<b>MEAN DEV.</b>
<b>DATES</b>	<b>ACTUAL</b>	<b>DEV.</b>	<b>ACTUAL</b>	<b>DEV.</b>	<b>ACTUAL</b>	<b>DEV.</b>	<b>ACTUAL</b>	<b>DEV.</b>	
1--5	22	0	24	1	23	2	21	2	1
6--10	21	-2	23	0	23	2	16	-2	-1
11--15	21	-1	23	0	23	2	17	-2	0
16--20	21	-1	23	1	22	1	18	0	0
21--25	21	0	24	1	23	2	19	1	1
26-31	22	1	24	2	23	2	19	2	2
<b>MONTH</b>	<b>21</b>	<b>-1</b>	<b>23</b>	<b>1</b>	<b>23</b>	<b>2</b>	<b>18</b>	<b>0</b>	<b>1</b>

Normal Period for Temperature = 1981 - 2010

**Table 2**

<b>EXTREME TEMPERATURES</b>								
<b>STATION</b>	<b>ATHALASSA</b>		<b>LARNAKA AIRPORT</b>		<b>PAFOS AIRPORT</b>		<b>PRODROMOS</b>	
<b>TEMPERAT.</b>	<b>( °C )</b>	<b>DATE</b>	<b>( °C )</b>	<b>DATE</b>	<b>( °C )</b>	<b>DATE</b>	<b>( °C )</b>	<b>DATE</b>
HIGHEST MAXIMUM	40.2	5	35.5	28	31.9	5, 10	36.1	16
LOWEST MINIMUM	19.1	18	21.3	13	20.6	17	14.5	9