

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

**10 September 2021**

**MONTHLY WEATHER REPORT**

**THE WEATHER IN AUGUST 2021**

**General Weather Conditions:** In August the weather was extremely hot and relatively wet. Unstable weather conditions occurred on the 6<sup>th</sup>, during the period 12-13 and on the 20<sup>th</sup> of the month, giving isolated thundery showers mainly inland and over mountains. The mean air temperature was about 2.5°C above normal and the area average precipitation was 3.2mm i.e. 110% of normal.

**Severe weather Conditions:** During the periods 1-7 and 19-27 of August extremely high temperatures were recorded almost in all areas of Cyprus.

**Precipitation (normal period: 1961-1990):** According to preliminary estimates, the area average precipitation in August was 3.2mm i.e. 110% of normal. Monthly precipitation ranged from 0% to 1500% (Lythrodontas) of normal.

Hail was recorded on the 6<sup>th</sup> of the month over Troodos mountains and on the 12<sup>th</sup> of the month in the area of Athienou village.

The cumulative area average precipitation during the period October 2020 - August 2021 was about 340.5mm, i.e. 68% of normal. The cumulative precipitation was below normal in all areas, generally ranging from 48% (Xylotymvou) to 82% (Galata) of normal.

**Temperature (normal period: 1981-2010):** The mean air temperature for the month was about 2.5°C above normal. Mean daily temperatures were below normal on the 8<sup>th</sup> and on the 18<sup>th</sup> of the month, while during the rest of the month they were above or around normal. Extremely high temperatures were recorded during the periods 1-7 and 19-27 of the month, when maximum temperatures were about 2°C to 8°C above normal. Heat wave conditions (maximum daily temperature above 40°C) prevailed during the periods 1-7, 20-21 and 23-27 of the month. Maximum temperatures exceeded 37°C at Athalassa on 27 occasions, 33°C at Larnaka Airport on 28 occasions and at Prodromos they exceeded 27°C on 31 occasions (all month). Most stations recorded their highest maximum temperature during the period 3-6 of the month and their lowest minimum temperature on the 18<sup>th</sup>, on the 24<sup>th</sup>, on the 28<sup>th</sup> and on the 31<sup>st</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 2021**

**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	43	6	37	4	34	4	35	6	5
6--10	40	3	37	4	33	3	31	3	3
11--15	38	1	37	2	34	3	29	1	2
16--20	39	2	35	4	32	1	31	3	3
21--25	40	4	34	2	32	2	31	4	3
26-31	38	2	34	1	32	2	31	4	2
<b>MONTH</b>	<b>40</b>	<b>3</b>	<b>36</b>	<b>3</b>	<b>33</b>	<b>2</b>	<b>31</b>	<b>3</b>	<b>3</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	27	4	25	2	24	3	21	2	3
6--10	24	2	26	3	25	3	18	0	2
11--15	26	4	27	4	25	4	17	-2	2
16--20	22	0	24	2	23	1	18	0	1
21--25	21	0	23	0	23	2	20	2	1
26-31	20	-1	23	1	23	2	18	1	1
<b>MONTH</b>	<b>23</b>	<b>1</b>	<b>24</b>	<b>2</b>	<b>24</b>	<b>3</b>	<b>19</b>	<b>0</b>	<b>2</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	44.3	4	39.2	6	36.1	3	36.6	4
LOWEST MINIMUM	18.7	18	21.3	24	21.3	28	15.6	31