

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

3 November 2022

MONTHLY WEATHER REPORT

**THE WEATHER IN SEPTEMBER 2022**

**General Weather Conditions:** In September the weather was relatively hot or slightly hot and relatively dry. Unstable weather conditions prevailed during the periods 6-7, on the 14<sup>th</sup>, 20<sup>th</sup> and 22<sup>nd</sup>, of the month, giving rain, local thunderstorms and very strong winds. The mean air temperature was approximately 1.0°C above normal and the area average precipitation was 3.8mm or 84% of normal.

**Severe Weather conditions:** No severe weather conditions were occurred.

**Precipitation (normal period: 1961-1990):** According to preliminary estimates the area average precipitation in September was 3.8mm or 84% of normal. Monthly precipitation was below normal almost in all areas, generally ranging from 0% to 1129% (Larnaca Airport) of normal.

No Hail was recorded during the month.

The cumulative area average precipitation during the period October 2021 - September 2022 was about 512.4mm, i.e. 102% of normal. Generally, the cumulative precipitation was below normal almost in all areas, ranging from 76% (Palaichori) to 137% (Aradipou) of normal.

**Temperature (normal period: 1981-2010):** The mean air temperature for the month was 1.0°C above normal. The mean daily temperatures were above or around normal for the whole month but the 18<sup>th</sup>, 22<sup>nd</sup>, 25<sup>th</sup> and 27<sup>th</sup>-28<sup>th</sup> of the month. High temperatures for the month were recorded with maximum temperatures reaching about 4-6°C above normal mainly inland and over the mountainous areas. Maximum temperatures exceeded 33°C at Athalassa in 24 cases, they exceeded 31°C at Larnaka Airport in 24 cases and at Prodromos they exceeded 25°C in 23 cases. Most stations recorded their highest maximum temperature on the 4<sup>th</sup>, 7<sup>th</sup> and 11<sup>th</sup> of the month and their lowest minimum temperature during the period 23-24 and 27-28 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.

**SEPTEMBER 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	37	2	33	1	31	1	29	3	2
6--10	37	3	34	2	31	2	27	1	2
11--15	36	2	32	1	30	1	27	2	2
16--20	35	2	32	1	30	1	27	3	2
21--25	32	0	31	0	28	0	23	-1	0
26--30	33	1	31	2	29	1	27	4	2
<b>MONTH</b>	<b>35</b>	<b>2</b>	<b>32</b>	<b>1</b>	<b>30</b>	<b>1</b>	<b>27</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	2	24	3	22	2	17	1	2
6--10	22	3	23	3	22	3	17	2	2
11--15	18	-1	21	1	22	2	16	1	1
16--20	18	-1	21	2	21	2	16	1	1
21--25	17	-1	19	0	21	3	12	-2	0
26--30	18	1	21	2	20	2	16	2	2
<b>MONTH</b>	<b>19</b>	<b>0</b>	<b>22</b>	<b>2</b>	<b>21</b>	<b>2</b>	<b>16</b>	<b>1</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	39.2	4	34.2	7	33.4	30	30.7	11
LOWEST MINIMUM	15.1	28	17.4	24	17.1	27	10.3	23