

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

**10 October 2024**

**MONTHLY WEATHER REPORT**

**THE WEATHER IN SEPTEMBER 2024**

**General Weather Conditions:** The weather in September was hot and extremely wet. Unstable weather conditions occurred on the 1st-8th, 21st-23rd and 30th of the month, causing local showers and isolated thunderstorms with local hail, mainly inland and over the mountainous areas. The average temperature for the month was 1.75°C above normal and the average rainfall was 20.6mm or 458% of normal.

**Severe Weather conditions:** During the period 1<sup>st</sup>-2<sup>nd</sup> of the month, afternoon showers and thunderstorms were observed in many areas of Cyprus. On the 2nd of the month, severe weather conditions affected areas of Limassol and Nicosia district, causing problems in the electricity supply. On the 7th of the month, a lightning strike caused a fire and 2 cedars burned in the Valley of the Cedars, in Paphos. On the 21st of the month, thunderstorms and heavy rainfall occurred in the afternoon in several areas of Cyprus. On the 22nd of the month, severe weather phenomena occurred in various areas of Cyprus causing flooding on the Nicosia-Larnaca and Larnaca-Limassol highways, in houses and properties, fell trees leading to problems in road network and in the electricity supply. On the 23rd of the month, severe weather phenomena occurred in Nicosia, in the mountainous and semi-mountainous areas. Torrential rains were observed from the early afternoon in several areas of the island, with the phenomena being particularly intense in Nicosia. Main road arteries in the municipalities of Aglantzia, Engomi, Strovolos and Lakatamia turned into "rivers", after the short torrential rains that fell in the early afternoon in the Nicosia province, causing many problems in the road network. Indicative of the phenomena, the accumulation of water on the road surface in the industrial area of Strovolos. In Nicosia, the Pedieos river overflowed after the torrential rains of the last 24 hours. The waters of the river once again caused problems and difficulties in the road network of the Strovolos area. The Fire Service received several calls to rescue drivers from flooded roads and pump water from flooded properties. Landslides and limited visibility prevailed in the mountainous areas affecting the mountain road network. The rainfall of the 22nd-23rd of the month skyrocketed the rainfall rates of the month.

**Precipitation (normal period: 1961-1990):** According to the preliminary estimates, the area average precipitation in September was about 20.6mm or 458% of normal. The average rainfall ranged from 0% (in some stations) to 3640% (Meniko) of normal.

The cumulative area average precipitation during the period October 2023-September 2024 was about 376.3mm, i.e. 75% of normal. The cumulative precipitation varied between 56% (Paphos) to 125% (Tseri) of normal.

**Temperature (normal period: 1981-2010):** The mean air temperature of the month was about 1.75°C above normal. The mean daily temperatures were below or very close to normal in Nicosia and Prodromos during the periods 1-5, 14-25, and 29-30 of the month, while on the coasts they were below normal on 2, 16-18 and 22-24 of the month. The maximum temperatures in Athalassa exceeded 34°C in 15 cases, in Larnaca they exceeded 31°C in 25 cases, in Paphos they exceeded 30°C in 18 cases and in Prodromos they exceeded 25°C in 18 cases. Most stations recorded their highest maximum temperature on the 7th, 8th, and 15th of the month and their lowest minimum temperature on the 17th, 27th, and 29th 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 2024**

**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	35	0	33	1	31	1	25	-2	0
6--10	37	3	33	2	32	3	28	3	2
11--15	35	1	34	3	31	2	27	2	2
16--20	32	-2	32	1	29	0	24	-1	0
21--25	31	-1	30	0	29	1	22	-1	-1
26--30	35	3	32	2	30	2	26	3	2
<b>MONTH</b>	<b>34.1</b>	<b>0.5</b>	<b>32.3</b>	<b>1.4</b>	<b>30.3</b>	<b>1.4</b>	<b>25.2</b>	<b>0.7</b>	<b>1.0</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	21	1	23	2	24	4	15	-1	1
6--10	21	2	23	3	23	4	17	2	3
11--15	21	2	23	3	24	5	16	1	3
16--20	18	-1	20	0	22	3	13	-2	0
21--25	19	1	21	2	21	2	12	-2	1
26--30	20	2	20	1	19	1	16	2	2
<b>MONTH</b>	<b>19.9</b>	<b>1.1</b>	<b>21.7</b>	<b>1.9</b>	<b>22.3</b>	<b>3.1</b>	<b>14.9</b>	<b>0.0</b>	<b>1.5</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	38.5	7	34.5	7,15	32.5	8	28.3	8
LOWEST MINIMUM	16.4	29	19.1	17	18.2	27	11.2	17