

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

**09/01/2025**

**MONTHLY WEATHER REPORT**

**THE WEATHER IN DECEMBER 2024**

**General Weather Conditions:** In December the weather was wet and near normal in terms of temperature. Unstable weather conditions prevailed during the period 2-5, 7, 9, 10-11, 16 and 20-31 of the month and caused rain, thunderstorms, hail, strong winds and snow in Troodos. The average temperature was about 0.7 °C above normal and the average precipitation was 120.2mm or 114% of normal for the month.

**Severe Weather conditions:** On the 3<sup>rd</sup> and 4<sup>th</sup> of the month, the storm "Bora" brought torrential rains, hailstorms and strong winds, causing problems such as floodings, fallen trees and landslides, thus hampering the road network and electricity supply in all the provinces of the island. On the 16<sup>th</sup> and 23<sup>rd</sup> of the month, heavy rain and thunderstorms affected the whole of Cyprus with flooding due to water accumulation on many roads, especially in Limassol. Also, on the 16<sup>th</sup> of the month, lightning struck a tower on the coastal front of Limassol. On the 25<sup>th</sup> and 26<sup>th</sup> of the month, the storm "Elena" caused problems, with intense prolonged precipitation and thunderstorms with lightning and hail in various areas of the island, as well as snow in Troodos. In Paphos, in addition to heavy rain and hail, there were also strong to gale-force winds with an average speed of up to 22 knots and gusts of up to 33 knots, causing problems in many areas. In addition to the problems, the storm "Elena" also gave beneficial rainfall with a large inflow into the dams. On the 30<sup>th</sup> of the month, heavy rain, heavy hail and strong winds badly affected traffic on the Limassol - Paphos motorway, near Avdimou. Most of the rain was recorded in western Cyprus and less in other areas.

**Precipitation (normal period: 1961-1990):** According to preliminary estimates the area average precipitation in December was 120.2mm or 114% of normal. Monthly precipitation was below normal in most areas and generally ranging between 76% (Lefkara dam) and 182% (Frenaros) of normal.

Hail was recorded on the 28<sup>th</sup> (Stavrovouni), 30<sup>th</sup> (Stavro Psokas, Tseri, Pervolia Larnaca, Maroni, Zygi, Agia Napa, Protaras, Pentaschinos, Pyrgos Limassol, Parekklesia, Agia Syllas, Ypsonas Pissouri, Zanzatia Limassol) of the month.

Snow was recorded on the 25<sup>th</sup>, 26<sup>th</sup> and 30<sup>th</sup> (Troodos) and on the 31<sup>st</sup> (Ag. Theodoros Agros).

The cumulative area average precipitation during the period October 2024-December 2024 was about 203.9mm, i.e 114% of normal. Generally, the cumulative precipitation was above normal in most areas varying between 63% (Meniko) and 199% (Yermasogeia Dam) of normal.

**Temperature (normal for the reference period: 1981-2010):** The mean air temperature for the month was about was approximately 0.7 °C above normal. The mean daily temperatures were above or around normal, except for the 1<sup>st</sup>, 14-15, 21, and 28-30<sup>th</sup> of the month, which were below normal. Maximum temperatures in Athalassa exceeded 17 °C on 24 occasions, in Paphos and Larnaca they exceeded 19 °C on 21 and 24 occasions respectively, while in Prodromos they exceeded 8 °C on 19 occasions. Most stations recorded their highest maximum temperature on the 6<sup>th</sup>, 9<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> of the month and their lowest minimum temperature on the 15<sup>th</sup> and 31<sup>st</sup> of the month.

Air and ground frost occurred on 4 days in Prodromos and ground frost on 1 day in Nicosia.

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.

**DECEMBER 2024**

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

**PRELIMINARY DATA**

<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	19	0	21	1	21	0	11	1	1
6--10	20	1	21	2	22	2	12	2	2
11--15	18	1	20	1	20	1	10	1	1
16--20	18	2	20	2	21	2	9	1	2
21--25	18	2	20	2	19	1	7	0	1
26--31	15	-1	17	-1	17	-1	4	-3	-1
<b>MONTH</b>	<b>18.0</b>	<b>0.8</b>	<b>19.7</b>	<b>1.1</b>	<b>20.0</b>	<b>1.1</b>	<b>8.5</b>	<b>0.2</b>	<b>0.8</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	8	0	12	2	12	1	4	0	1
6--10	8	0	13	3	13	1	5	1	2
11--15	7	0	10	1	11	1	3	0	0
16--20	6	0	10	1	10	0	2	0	0
21--25	7	1	11	3	13	3	3	1	2
26--31	5	-1	9	0	9	0	0	-2	-1
<b>MONTH</b>	<b>6.9</b>	<b>-0.1</b>	<b>10.6</b>	<b>1.4</b>	<b>11.1</b>	<b>1.1</b>	<b>2.8</b>	<b>0.2</b>	<b>0.6</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	21.1	9	22.6	12	22.9	6	12.9	10
LOWEST MINIMUM	3.1	15	7.2	15	6.9	31	-1.0	31