

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

09 January 2023

**MONTHLY WEATHER REPORT**

**THE WEATHER IN DECEMBER 2022**

**General Weather Conditions:** In December the weather was warm and dry. Unstable weather conditions prevailed on the 2<sup>nd</sup>, during the periods 6-8, 11-16 και 20-21, 23-26 and on the 29<sup>th</sup> of the month, giving rain, local thunderstorms, hail and a little snow in Troodos. The mean air temperature was about 2.5°C above normal and the area average precipitation was 33.6mm i.e 32% of the normal for the month.

**Severe Weather conditions:** No severe weather events occurred. Main characteristic of this month was the **drought**.

**Precipitation (normal period: 1961-1990):** According to preliminary estimates the area average precipitation in December was 33.6mm i.e 32% of normal. Monthly precipitation was below normal in most areas and generally ranging between 10% (Athienou) and 68% (Agios Ioannis Malountas) of normal. December 2022 is ranked as the 13<sup>th</sup> driest month since 1901.

Hail was recorded on the 6<sup>th</sup> (Troodos) and 11<sup>th</sup> (Pedoulas, Bizakia) of the month.

Snow was recorded on the 15<sup>th</sup> of the month (Troodos).

The cumulative area average precipitation during the period October 2022-December 2022 was about 181.7mm, i.e 95% of normal. Generally, the cumulative precipitation was below normal in most areas ranging between 59% (Meniko) and 123% (Kouris) of normal.

**Temperature (normal for the reference period: 1981-2010):** The mean air temperature for the month was about 2.5°C above normal. Mean daily temperatures were above or around normal during the whole month except for the 26<sup>th</sup> of the month in Prodromos. Maximum temperatures exceeded 18°C at Athalassa and Larnaka Airport in 29 and 30 occasions, respectively. At Prodromos they exceeded 8°C in 29 occasions. Most stations recorded their highest maximum temperature on the 1<sup>st</sup> and during the periods 4-5 and 17-18 of the month and their lowest minimum temperature during the period 26-28 of the month.

Air frost was not recorded, whereas ground frost was recorded in 1 occasion inland and 3 occasions over the mountainous areas.

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 2022

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

Preliminary Data

Table 1

MEAN DAILY MAXIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	24	5	23	3	22	2	13	3	3
6--10	22	3	22	2	22	2	13	3	3
11--15	21	4	22	3	21	2	13	5	3
16--20	24	7	22	4	22	4	15	7	6
21--25	20	3	19	2	19	1	9	2	2
26--31	20	3	20	2	20	2	9	2	2
<b>MONTH</b>	<b>22</b>	<b>4</b>	<b>21</b>	<b>3</b>	<b>21</b>	<b>2</b>	<b>12</b>	<b>4</b>	<b>3</b>

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	10	2	13	3	13	3	6	2	2
6--10	8	0	12	2	13	1	6	2	1
11--15	11	4	14	5	14	4	7	5	4
16--20	9	2	13	4	13	3	8	6	4
21--25	8	1	11	2	11	2	4	2	2
26--31	6	0	10	2	9	0	3	1	1
<b>MONTH</b>	<b>8</b>	<b>1</b>	<b>12</b>	<b>3</b>	<b>12</b>	<b>2</b>	<b>6</b>	<b>3</b>	<b>2</b>

Normal Period for Temperature: 1981 - 2010

Table 2

EXTREME TEMPERATURES								
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS	
TEMPERAT.	( °C )	DATE	( °C )	DATE	( °C )	DATE	( °C )	DATE
HIGHEST MAXIMUM	24.7	18	23.0	1, 4, 5	22.9	4, 16	16.1	17
LOWEST MINIMUM	3.5	28	6.2	28	7.0	27	1.8	26