

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

03 January 2024

MONTHLY WEATHER REPORT

THE WEATHER IN NOVEMBER 2023

General Weather Conditions: The weather in November was very warm and relatively dry. Unstable weather conditions occurred during the periods 1st, 13th -14th, 16th, 18th-19th and 25th-27th the month, giving showers, local thunderstorms in many areas of the island and a little snow over Troodos. The mean air temperature was approximately 3.0°C above normal and the area average precipitation was 46.2mm or 87% of normal.

Severe Weather Conditions: On the 18th and 26th of the month torrential rains, thundrstorms and gale force winds affected many areas of Cyprus. Due to the bad weather conditions, several problems were caused such as flooding of roads and premises, falling trees and other objects resulting in power outages in many areas in almost all provinces. mountainous areas Many roads in mountainous areas, mainly in Limassol, became dangerous due to slippery roads and landslides.

Dust concentrations recorded on Sunday morning, 26th of the month, were approximately 10 times above the limit of 50 µg/m³. In particular, the value of 490 µg/m³ was recorded in the area of Vasilikos, while similar values were recorded at the other stations.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in November was 46.2mm or 87% of normal. The area average precipitation for the whole island generally ranged from 24% (Agia Napa) to 162% (Kampos) of normal.

Very light snowfall was recorded on the 19th and 27th of the month (Troodos).

The cumulative area average precipitation during the period October-November 2023 was about 80.6mm i.e. 94% of normal. In general, the cumulative area average precipitation was ranged from 34% (Athalassa) to 205% (Athienou) of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was approximately 3.0°C above normal. Mean daily temperatures were below normal on the 20th, 21-22nd and 28-29th whereas for the rest of the month were above or around normal. Maximum temperatures exceeded 22°C at Athalassa in 23 cases, exceeded 23°C at Larnaka and Paphos Airports in 23 occasions respectively and at Prodromos exceeded 13°C in 20 occasions. Most stations recorded their highest maximum temperature on the 1st, 2nd and 5th of the month and their lowest minimum temperature during the period 26-29th 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.

NOVEMBER 2023

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	30	5	28	3	27	3	21	6	4
6-10	29	6	28	4	27	4	20	7	5
11-15	28	6	27	5	26	3	20	7	5
16-20	24	2	25	2	24	1	14	0	1
21-25	23	2	23	2	24	2	13	1	2
26-30	21	1	22	1	21	0	9	-1	0
MONTH	26	3	25	3	25	2	16	3	3

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1-5	16	3	18	4	18	4	12	4	4
6-10	16	4	18	5	17	4	11	5	4
11-15	15	5	18	6	17	5	10	4	5
16-20	12	2	15	2	16	3	6	0	2
21-25	8	-1	13	2	14	2	5	0	1
26-30	9	0	12	1	13	2	3	-5	-1
MONTH	13	2	16	3	16	3	8	2	3

Normal Period for Temperature: 1981 - 2010

Table 2

EXTREME TEMPERATURES								
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS	
TEMPER.	(°C)	DATE	(°C)	DATE	(°C)	DATE	(°C)	DATE
HIGHEST MAXIMUM	31.0	2	30.3	1	29.4	1	23.0	5
LOWEST MINIMUM	5.0	29	7.6	28	10.5	29	0.1	28