

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

23 November 2023

MONTHLY WEATHER REPORT

THE WEATHER IN OCTOBER 2023

General Weather Conditions: The weather in October was hot and wet. Unsettled weather conditions prevailed during the 1st-3rd, 10th-20th and 31st of the month giving rain, local thunderstorms and strong winds across Cyprus. The mean air temperature for the month was about 2.0°C above normal, while the area average precipitation was about 34.4mm or 105% of normal.

Severe Weather conditions: On the 1st-3rd of the month torrential rain occurred in various areas of the island as well as strong winds, causing power supply problems in several areas in Nicosia and Limassol. On the 3rd of the month, floodings were reported in areas of Paphos, Ayia Napa and Nicosia (Tseriou), where the roads turned into rivers and premises were flooded. On the 11th of the month, heavy rain caused problems in transport in various areas, mainly in Nicosia and Limassol. Lightning caused damage to the EAC system, leaving 21 areas in Limassol without power. On the 12th of the month torrential rain, thunderstorms and strong winds occurred in the afternoon in Nicosia. Heavy rain and tunderstorms occurred in various areas of the island on the 14th-16th of the month. The bad weather caused flooding mainly in the province of Larnaca (Athianou, Alethriko). On the 18th of the month, a waterspout was reported in Paphos. On the 24th, 25th and 30th, 31st of the month high concentrations of dust in the atmosphere was recorded.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in October was 34.4mm or 105% of normal. Monthly precipitation varied between 8% (Akrotiri) to 305% (Athienou) of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was 2.0°C above normal. The mean daily temperatures were above or around normal for the whole month in all areas but Prodromos, where on the 1st-3rd and 15th of the month mean daily temperatures were slightly below normal. Fairly high temperatures for the month occurred during the period 23rd-31st of the month, where maximum daily temperatures were around 4°C to 9°C above normal. There were no heatwave conditions, but in Prodromos, the maximum daily temperature on the 27th-30th of the month ranged from 8.3oC to 9.3oC degrees above normal. The maximum temperatures in Athalassa and Larnaca exceeded 29°C and 28°C in 4 and 1 cases respectively, while in Prodromos they exceeded 19°C in 8 cases. Most stations recorded their highest maximum temperature on 24th-25th and 28th of the month and lowest minimum temperature on 16th-17th and 20th 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.

OCTOBER 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	31	1	30	1	29	2	19	-3	0
6--10	32	1	30	1	29	1	20	-1	1
11--15	30	1	30	1	28	1	20	-1	1
16--20	29	1	29	1	27	0	19	0	0
21--25	33	5	31	4	29	3	22	4	4
26--31	33	8	30	5	29	5	24	8	6
MONTH	31	3	30	2	29	2	21	1	2

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	18	1	19	1	21	3	11	-1	1
6--10	18	2	20	3	20	2	11	-1	2
11--15	17	1	20	2	19	2	11	-1	1
16--20	16	0	18	1	19	2	10	-1	1
21--25	17	2	20	4	19	3	14	3	3
26--31	17	4	19	4	20	4	15	7	5
MONTH	17	2	19	2	20	3	12	1	2

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	34.4	25	33.6	24	30.0	23	25.3	28
LOWEST MINIMUM	14.5	17	16.5	16	17.4	16	9.3	20