

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

13 November 2024

MONTHLY WEATHER REPORT

THE WEATHER IN OCTOBER 2024

General Weather Conditions: The weather in October was extremely dry and normal to relatively warm. Unstable weather conditions occurred on the 15th and 31st of the month with very small amounts of rain in several areas. The average temperature for the month was about 0.75°C above normal, while the average precipitation was 0.1mm or 0% of normal.

Severe Weather conditions: There were no severe weather phenomena. The main feature of this year's October is the severe drought. October 2024 is the 3rd driest October with an average rainfall of 0.1mm or 0% of normal, since 1901 when measurements are available. The driest Octobers ever recorded with zero precipitation were in 1916 and 1964.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in October was 0.1mm or 0% of normal. Monthly precipitation varied between 0% (almost all stations) to 11% (Palaichori) of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was 0.75°C above normal. The mean daily temperatures were above or around normal for the whole month in almost all areas but Prodromos and Athalassa, where during the period 18-25 of the month mean daily temperatures were below normal, varying between 1 °C and 5.5 °C. The daily maximum temperature in Prodromos varied on some days from 3.5 °C to 6.1 °C above normal. The maximum temperatures in Athalassa and Larnaca exceeded 29 °C and 28 °C in 18 and 19 cases respectively, whereas in Prodromos they exceeded 19 °C in 16 cases. Most stations recorded their highest maximum temperature on the 1st, 8th, 13th and 16th of the month and their lowest minimum temperature on the 20th, 22nd, 23rd and 30th 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 2024

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	28	1	22	0	1
6--10	33	3	30	1	28	1	26	5	2
11--15	32	2	30	1	29	2	23	3	2
16--20	27	-1	28	0	28	1	19	0	0
21--25	25	-3	26	-1	27	1	14	-4	-2
26--31	27	2	28	2	27	3	17	1	2
MONTH	29.2	0.6	28.7	0.8	27.9	1.4	20.3	1.0	0.9

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	17	0	20	2	20	2	12	-1	1
6--10	17	1	19	2	19	2	14	2	2
11--15	18	2	21	3	20	3	14	2	3
16--20	15	-1	17	0	19	2	9	-2	0
21--25	13	-1	16	0	15	0	7	-3	-1
26--31	13	-1	16	0	16	0	9	1	0
MONTH	15.4	0.0	17.9	1.1	18.1	1.5	10.8	-0.2	0.6

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	34.2	8	32.0	1	29.5	16	26.4	13
LOWEST MINIMUM	10.6	23	14.0	20	14.6	30	6.0	22