

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

4 November 2022

MONTHLY WEATHER REPORT

THE WEATHER IN OCTOBER 2022

General Weather Conditions: In October the weather was extremely wet and relatively hot or slightly hot. Unstable weather conditions prevailed during the periods 3rd-5th, on the 8th, 14th-21st, on the 26th and on the 31st of the month, giving rain, local thunderstorms and very strong winds. The mean air temperature was approximately 1.0°C above normal and the area average precipitation was around 94.2mm or 288% of normal.

Severe Weather conditions: On the 16th, 17th, 19th and 31st of the month, heavy rain and local thunderstorms with hail and very strong winds affected the whole island of Cyprus causing floods (Pafos, Larnaca), landslides, tornadoes (Ag. Therapon, Vouni, Dali) and waterspout in Limassol. **On the 2nd of October a heatwave was recorded.**

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in October was 94.2mm or 288% of normal. Monthly precipitation was above normal in all areas, generally ranging from 156% (Akrotiri) to 557% (Xylotymbou) of normal. **October 2022 is the 5th wettest month that was recorded since 1901.**

Hail was recorded on the 5th (Geri), 16th (Omodos), 21st (Agros) and 26th (Agros, Kyperounta, Troodos) of the month.

Temperature (normal period: 1981-2010): The mean air temperature for the month was 1.0°C above normal. The mean daily temperatures were below or around normal for the whole month but the 1st and 2nd of the month. Extremely high temperatures for the month were recorded with maximum temperatures reaching about 8-9.5°C above normal. Heatwave conditions (maximum daily temperature above 40°C), prevailed on the 2nd of the month. **The daily maximum temperature of 40.2°C recorded at Athalassa on 2nd of October was the second highest ever recorded for that station and month since 1983.** Maximum temperatures exceeded 30°C at Athalassa and Larnaca Airport in 9 and 5 cases respectively and at Prodromos they exceeded 20°C in 13 cases. Most stations recorded their highest maximum temperature on the 2nd of the month and their lowest minimum temperature on the 10th and during the period 23-24 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 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	35	5	32	3	30	2	27	5	4
6--10	30	-1	29	0	27	0	21	0	0
11--15	31	2	29	0	27	0	21	1	1
16--20	26	-3	27	-1	26	-1	16	-2	-2
21--25	28	0	28	1	26	1	18	0	0
26--31	29	4	29	3	27	3	19	3	3
MONTH	30	1	29	1	27	1	20	1	1

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	22	5	22	4	22	4	17	4	5
6--10	15	-1	17	0	18	1	11	-1	-1
11--15	16	0	19	1	18	1	12	0	1
16--20	16	1	20	3	19	3	10	0	1
21--25	14	-1	18	2	17	2	10	-1	1
26--31	15	1	18	3	18	3	11	2	2
MONTH	16	1	19	2	19	2	12	1	1

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	40.2	2	34.2	2	31.7	2	30.1	2
LOWEST MINIMUM	12.8	23	15.4	10	16.2	24	7.9	23