

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

9 November 2020

MONTHLY WEATHER REPORT

THE WEATHER IN OCTOBER 2020

General Weather Conditions: In October the weather was extremely hot and dry. Unstable weather conditions occurred during the period 19-20, on the 22nd and on the 25th of the month, giving isolated showers or thunderstorms. The mean air temperature for the month was around 3°C above normal, while the area average precipitation was 0.1mm i.e. 0.3% of normal.

Severe Weather Conditions: During the periods 4-9, 17-20 and 23-30 of October extremely high temperatures were recorded almost in all areas of Cyprus

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in October was about 0.1mm i.e. 0.3% of normal. The mean rainfall ranged from 0% to 38% (Athienou) of normal.

Hail was recorded on the 20th of the month in the area of Avdellero-Lymbia.

Temperature (normal period: 1981-2010): The mean air temperature for the month was around 3°C above normal. The mean daily temperatures were above normal for all days of the month. Extremely high temperatures for the month were recorded during the periods 4-9, 17-20 and 23-30 of the month, when maximum temperatures were about 4°C to 10°C above normal. Heat wave conditions (maximum daily temperature above 40°C) prevailed on the 7th of the month. The daily maximum temperature of 40.4°C, recorded in Athalassa area in Nicosia city on the 7th of October, was the highest for the specific Station and for the specific month since 1983. Maximum temperatures exceeded 28°C at Athalassa on 31 occasions, 28°C at Larnaka Airport on 30 occasions and at Prodromos they exceeded 19°C on 30 occasions. Most stations recorded their highest maximum temperature during the period 7-9 and on the 25th of the month and their lowest minimum temperature on the 18th and during the period 29-31 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 2020

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	34	4	31	2	29	1	25	4	2
6--10	37	7	33	4	30	3	30	9	6
11--15	31	2	29	1	28	1	23	3	2
16--20	33	5	30	2	29	2	26	7	4
21--25	32	5	32	5	31	5	24	6	5
26--31	32	7	29	4	28	4	24	8	6
MONTH	33	5	31	3	29	3	25	6	4

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	16	0	19	1	18	1	13	0	0
6--10	20	3	21	3	18	1	17	5	3
11--15	18	2	21	3	18	1	11	-1	1
16--20	16	0	19	2	17	1	13	2	1
21--25	18	4	21	5	19	3	13	3	4
26--31	15	2	19	4	18	3	12	4	3
MONTH	17	2	20	3	18	2	13	2	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	40.4	7	34.8	9	34.3	25	31.2	7	
LOWEST MINIMUM	12.6	18	17.2	1	15.6	18	9.3	31	