

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

7 August 2019

MONTHLY WEATHER REPORT

THE WEATHER IN JULY 2019

General Weather Conditions: The weather in July was dry. Unstable weather conditions prevailed on the 7th, during the period 14-15 and on the 17th of the month, giving isolated showers and thunderstorms in some areas. The mean temperature in July was approximately 0.5°C above normal and the area average precipitation was 0.4mm i.e. 15% of normal.

Severe Weather conditions: During the periods 5-11 and 21-29 of July extremely high temperatures were recorded all around Cyprus.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in July was 0.4mm i.e. 15% of normal. Monthly precipitation was below normal in most areas, generally ranging from 0% to 333% (Kornos) of normal.

The cumulative area average precipitation during the period October 2018-July 2019 was about 764.1mm, i.e. 154% of normal. Generally, the cumulative precipitation was above normal in all areas, ranging from 136% (Stavros Psokas) to 184% (Athalassa) of normal.

Hail was recorded on the 7th (Platres) of the month.

Temperature (normal period: 1981-2010): The mean air temperature for the month was about 0.5°C above normal. Mean daily temperatures were below normal on the 1st, on the 3rd and during the period 13-19 of the month, while during the rest of the month they were above normal. Extremely high temperatures were recorded during the periods 5-11 and 21-29 of the month, when maximum temperatures were up to 6°C above normal. Heat wave conditions (maximum daily temperature above 40°C) prevailed on the 6th, on the 8th, during the period 10-11, on the 21st, on the 23rd and during the period 28-29 of the month. Maximum temperatures exceeded 37°C at Athalassa on 23 occasions, exceeded 32°C at Larnaka on 22 occasions and at Prodromos they exceeded 28°C on 22 occasions. Most Stations recorded their highest maximum temperature during the period 10-11 and on the 27th of the month and their lowest minimum temperature on the 4th and during the period 15-18 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.

JULY 2019
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	37	1	34	1	31	2	28	1	1
6--10	40	3	35	3	32	2	31	4	3
11--15	37	0	32	0	31	1	27	-1	0
16--20	36	-1	32	-1	31	1	26	-2	-1
21--25	40	2	35	2	31	1	31	2	2
26--31	39	2	33	0	31	1	30	2	1
MONTH	38	1	33	1	31	1	29	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	21	0	22	1	20	0	16	-2	0
6--10	24	2	24	2	20	0	19	1	1
11--15	21	0	23	1	22	2	16	-2	0
16--20	21	-1	22	0	22	1	15	-4	-1
21--25	24	1	23	0	21	0	17	-2	0
26--31	23	0	23	1	21	-1	19	0	0
MONTH	22	0	23	1	21	0	17	-1	0

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	40.9	11	36.4	21	32.9	11	33.5	10	
LOWEST MINIMUM	18.4	16	20.9	3, 15, 16	19.4	4	13.0	18	