

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

6 August 2020

MONTHLY WEATHER REPORT

THE WEATHER IN JULY 2020

General Weather Conditions: The weather in July was dry and hot. Unstable weather conditions prevailed on the 10th and during the period 12-15 of the month, giving isolated showers and thunderstorms in some areas. The mean temperature in July was approximately 1°C above normal and the area average precipitation was 1.3mm i.e. 50% of normal.

Severe Weather conditions: During the periods 3-6, 10-16, 21-24 and 26-31 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 1.3mm i.e. 50% of normal. Monthly precipitation was below normal in most areas, generally ranging from 0% to 243% (Agros) of normal.

The cumulative area average precipitation during the period October 2019-July 2020 was about 630.5mm, i.e. 127% of normal. Generally, the cumulative precipitation was above normal almost in all areas, ranging from 93% (Paphos Airport, Oreites) to 157% (Larnaka Airport) of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was about 1°C above normal. Mean daily temperatures were below normal during the periods 7-8 and 17-10 8 of the month, while during the rest of the month they were above normal. Extremely high temperatures were recorded during the periods 3-6, 10-16, 21-24 and 26-31 of the month, when maximum temperatures were up to 6°C above normal. Heat wave conditions (maximum daily temperature above 40°C) prevailed during the period 3-4, on the 6th, during the period 11-13, on the 16th and during the periods 21-24 and 26-31 of the month. Maximum temperatures exceeded 37°C at Athalassa on 27 occasions, exceeded 32°C at Larnaka on 24 occasions and at Prodromos they exceeded 28°C on 28 occasions. Most Stations recorded their highest maximum temperature on the 23rd and during the period 29-31 of the month and their lowest minimum temperature during the period 2-4, on the 8th and on the 27th 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 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	40	3	33	1	32	2	31	4	3
6--10	38	1	32	0	31	1	29	2	1
11--15	40	3	33	1	31	2	31	3	2
16--20	38	1	33	0	31	1	29	1	1
21--25	40	3	35	2	32	2	32	4	3
26--31	41	4	35	2	32	2	33	5	3
MONTH	40	3	34	1	32	2	31	3	2

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	21	-1	22	0	19	-1	19	2	0
6--10	22	0	24	2	21	1	17	-1	0
11--15	23	1	23	2	21	1	18	0	1
16--20	21	-1	22	0	20	-1	17	-1	-1
21--25	24	1	23	0	21	0	19	0	0
26--31	22	-1	23	1	21	0	20	1	0
MONTH	22	0	23	1	21	0	18	0	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	43.5	31	36.9	30, 31	33.2	23	34.5	29
LOWEST MINIMUM	19.0	27	20.8	4	17.7	2	12.6	8