

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

15 September 2020

MONTHLY WEATHER REPORT

THE WEATHER IN AUGUST 2020

General Weather Conditions: In August the weather was extremely hot and dry. Unstable weather conditions occurred during the period 3-4 and on the 12th of the month, giving isolated thundery showers over mountains. The mean air temperature was about 1.5°C above normal and the area average precipitation was 0.4mm i.e. 14% of normal.

Severe weather Conditions: During the periods 1-7 and 12-19, on the 25th and during the period 29-31 of August 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 August was 0.4mm i.e. 14% of normal. Monthly precipitation ranged from 0% to 233% (Troodos) of normal.

Hail was recorded on the 3rd of the month over Troodos mountains.

The cumulative area average precipitation during the period October 2019 - August 2020 was about 630.9mm, i.e. 14% of normal. The cumulative precipitation was above normal almost in all areas, generally ranging from 93% (Paphos Airport) to 157% (Larnaka Airport) of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was about 1.5°C above normal. Mean daily temperatures were below normal during the period 8-11 and on the 22nd of the month, while during the rest of the month they were above or around normal. Extremely high temperatures were recorded during the periods 1-7 and 12-19, on the 25th and during the period 29-31 of the month, when maximum temperatures were about 2°C to 10°C above normal. Heat wave conditions (maximum daily temperature above 40°C) prevailed during the periods 1-2 and 5-7, on the 13th, on the 16th, on the 18th and during the period 29-31 of the month. Maximum temperatures exceeded 37°C at Athalassa on 26 occasions, 33°C at Larnaka Airport on 20 occasions and at Prodromos they exceeded 27°C on 28 occasions. Most stations recorded their highest maximum temperature on the 31st of the month and their lowest minimum temperature on the 10th and during the period 18-21 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.

AUGUST 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	41	3	34	1	32	2	32	3	2
6--10	38	1	34	1	31	1	30	1	1
11--15	39	2	35	2	31	1	30	2	2
16--20	40	3	34	3	32	1	32	3	3
21--25	38	2	35	2	33	3	29	2	2
26-31	41	5	35	2	32	2	32	5	4
MONTH	40	3	34	2	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	23	1	24	1	22	1	19	0	1
6--10	21	-1	23	0	23	1	17	-1	0
11--15	23	1	24	1	22	1	18	-1	0
16--20	23	1	22	0	20	-1	18	0	0
21--25	23	1	24	2	21	0	18	-1	1
26-31	21	0	24	2	21	1	20	2	1
MONTH	22	0	23	1	22	0	18	0	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	44.5	31	39.1	31	35.2	22	37.0	31
LOWEST MINIMUM	19.9	29	21.0	18	19.8	19	13.3	10

