

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

14 September 2018

MONTHLY WEATHER REPORT

THE WEATHER IN AUGUST 2018

General Weather Conditions: In August the weather was hot and relatively dry. Unstable weather conditions prevailed during the periods 2-5 and 7-8 and on the 21st of the month, giving local showers and isolated thunderstorms over some areas, mainly inland and over mountains. The mean air temperature was about 1° C above normal and the area average precipitation was 0.6mm i.e. 21% of normal.

Abnormal weather Conditions: During the periods 2-3, 8-11, 14-16 and 22-24 of August extremely high temperatures were recorded all around Cyprus.

Precipitation (normal period: 1961-1990): According to preliminary estimates, the area average precipitation in August was 0.6mm i.e. 21% of normal. Monthly precipitation was below normal almost in all areas, generally ranging from 0% to 200% (Lythrodontas) of normal.

The cumulative area average precipitation during the period October 2017 - August 2018 was about 428.4mm, i.e. 86% of normal. The cumulative precipitation was below normal almost in all areas, generally ranging from 64% (Xylotymvou) to 114% (Meniko) 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 on the 1st , on the 6th , during the period 25-26 and on the 29th of the month, while during the rest of the month they were above or around normal. Heat wave conditions (maximum daily temperature above 40°C) prevailed on the 3rd, on the 8th, on the 11th, during the period 15-16 and on the 22nd of the month. Maximum temperatures exceeded 37°C at Athalassa on 24 occasions, 33^o C at Larnaka Airport on 18 occasions and at Prodromos they exceeded 27°C on 28 occasions. Most stations recorded their highest maximum temperature on the 3rd and 9th of the month and their lowest minimum temperature during the period 14-16 and on the 30th 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 2018

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	39	1	34	1	32	1	30	2	1
6--10	39	2	35	2	32	1	30	1	2
11--15	40	2	36	0	32	1	30	2	1
16--20	38	1	33	0	31	1	30	2	1
21--25	39	2	34	1	32	1	31	3	2
26--31	37	1	32	0	31	1	27	0	0
MONTH	38	2	34	1	31	1	30	2	1

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	24	2	24	1	24	2	18	-1	1
6--10	24	2	25	3	23	1	18	0	2
11--15	25	3	23	0	21	-1	17	-2	0
16--20	21	-1	23	1	22	0	18	0	0
21--25	22	0	24	1	22	1	19	1	1
26--31	21	0	23	2	22	2	15	-3	0
MONTH	23	1	24	1	22	1	17	-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	41.1	3	37.4	9	32.7	3	32.7	23
LOWEST MINIMUM	19.5	16	21.7	14	19.4	15	12.9	30