

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

6 September 2019

MONTHLY WEATHER REPORT

THE WEATHER IN AUGUST 2019

General Weather Conditions: In August the weather was hot and relatively wet. Unstable weather conditions occurred during the periods 5-7 and 19-20, on the 25th and during the period 28-29 of the month, giving local showers, isolated thunderstorms and hail, mainly inland and over mountains. The mean air temperature was about 1.5°C above normal and the area average precipitation was 8.0mm i.e. 276% of normal.

Severe weather Conditions: During the periods 8-13 and 23-31 of August extremely high temperatures were recorded almost in all areas of Cyprus. On the 19th of the month, severe rainfall with hail and strong winds caused difficulties in the areas of Paphos (Panagia, Statos, Agios Fotios) and Nicosia (Kokkinotrimithia, Palaiometochi).

Precipitation (normal period: 1961-1990): According to preliminary estimates, the area average precipitation in August was 8.0mm i.e. 276% of normal. Monthly precipitation ranged from 0% to 2500% (Kalavassos) of normal.

Hail was recorded during the period 19-20 (Saittas, Panagia, Statos, Agios Fotios, Kokkinotrimithia, Palaiometochi) of the month.

The cumulative area average precipitation during the period October 2018 - August 2019 was about 772mm, i.e. 155% of normal. The cumulative precipitation was above normal in all areas, generally ranging from 136% (Drouseia) to 183% (Zygi) 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 on the 2nd, on the 6th and during the period 15-21 of the month, while during the rest of the month they were above or around normal. Extremely high temperatures were recorded during the periods 8-13 and 23-31 of the month, when maximum temperatures were about 3°C to 6°C above normal. Heat wave conditions (maximum daily temperature above 40°C) prevailed during the period 8-13 and on the 25th of the month. Maximum temperatures exceeded 37°C at Athalassa on 25 occasions, 33°C at Larnaka Airport on 22 occasions and at Prodromos they exceeded 27°C on 26 occasions. Most stations recorded their highest maximum temperature on the 8th and during the period 12-13 of the month and their lowest minimum temperature on the 10th and on the 20th 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 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	39	1	33	-1	31	1	32	3	1
6--10	40	2	34	1	32	1	30	1	2
11--15	40	2	34	0	32	1	32	3	2
16--20	36	-1	33	2	31	1	28	0	0
21--25	39	2	34	2	32	1	29	2	2
26-31	40	4	35	2	32	2	30	3	3
MONTH	39	2	34	1	32	1	30	2	2

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	22	-1	23	1	22	1	19	0	0
6--10	23	1	23	0	21	0	17	-1	0
11--15	22	0	23	1	21	-1	19	0	0
16--20	22	0	23	1	23	2	16	-3	0
21--25	24	2	24	2	22	1	17	-1	1
26-31	22	1	24	2	22	1	18	1	1
MONTH	23	1	23	1	22	1	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	41.5	12,13	36.3	30	33.0	8	34.0	13	
LOWEST MINIMUM	19.8	10	20.7	10	19.4	10	14.0	20	