

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

11 September 2018

MONTHLY WEATHER REPORT

THE WEATHER IN JULY 2018

General Weather Conditions: During July the weather was hot and extremely dry. Unstable weather conditions prevailed on the 16th, on the 20th, on the 26th, and on the 30th of the month, giving isolated showers in some areas. The mean temperature in July was approximately 1°C above normal and the area average precipitation was 0.1mm i.e. 4% of normal.

Severe Weather conditions: During the periods 3-8, 13-18 and 22-24 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 0.1mm i.e. 4% of normal. Monthly precipitation was below normal almost in all areas, generally ranging from 0% to 670% (Athalassa) of normal.

The cumulative area average precipitation during the period October 2017-July 2018 was about 427.8mm, i.e. 86% of normal. Generally, the cumulative precipitation was below normal almost in all areas, ranging from 64% (Xylyotymvou) to 114% (Meniko) of normal.

Hail was recorded on the 16th (Strovolos) of the month.

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 1-2, 10-11, 25-28 and on the 31st of the month, while during the rest of the month they were above normal. Extremely high temperatures were recorded during the periods 3-8, 13-18 and 22-24 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 4-8, on the 14th and during the periods 17-18 and 22-24 of the month. Maximum temperatures exceeded 37°C at Athalassa on 22 occasions, exceeded 32°C at Larnaka on 23 occasions and at Prodromos they exceeded 28°C on 22 occasions. Most Stations recorded their highest maximum temperature during the period 5-6 and on the 14th of the month and their lowest minimum temperature during the period 1-2 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 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	38	1	32	0	31	1	28	0	1
6--10	39	2	34	2	31	2	31	3	2
11--15	39	2	33	1	31	2	30	2	2
16--20	39	2	33	1	32	2	30	2	2
21--25	39	2	34	1	32	2	30	2	2
26--31	36	-1	33	0	31	0	28	-1	-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	22	0	22	0	20	0	16	-2	0
6--10	23	2	22	1	22	2	18	0	1
11--15	23	1	24	2	22	2	18	0	1
16--20	24	1	23	1	22	1	17	-1	1
21--25	24	2	24	2	23	2	18	0	1
26--31	22	0	23	0	23	2	16	-3	0
MONTH	23	1	23	1	22	2	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	41.7	14	37.8	6	33.5	5, 6	33.7	24
LOWEST MINIMUM	19.3	1	20.7	9	19.4	2	11.3	1