

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

8 September 2017

MONTHLY WEATHER REPORT

THE WEATHER IN AUGUST 2017

General Weather Conditions: In August the weather was mild. Unstable weather conditions prevailed during the period 4-6, on the 12th and 23rd of the month, giving local showers and isolated thunderstorms over some areas, mainly over mountains, inland and over west-northwest coasts. The mean air temperature was about 0.5° C above normal and the area average precipitation was 2.5mm i.e. 86% of normal.

Abnormal weather Conditions: No abnormal weather condition was recorded or reported during the month.

Precipitation (normal period: 1961-1990): According to preliminary estimates, the area average precipitation in August was 2.5mm i.e. 86% of normal. Monthly precipitation was above normal in the west-northwest coasts and in some mountainous areas, generally ranging from 0% to 9567% of normal.

The cumulative area average precipitation during the period October 2016 - August 2017 was about 411.5mm, i.e. 83% of normal. The cumulative precipitation was below normal almost in all areas, generally ranging from 61% to 108% of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was about 0.5° C above normal. Mean daily temperatures were below normal during the period 4-7, on the 11th and during the periods 18-23 and 30-31 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 1st of the month. Maximum temperatures exceeded 37°C at Athalassa on 17 occasions, 33° C at Larnaka Airport on 14 occasions and at Prodromos they exceeded 27°C on 26 occasions. Most stations recorded their highest maximum temperature during the period 1-2 and on the 26th of the month and their lowest minimum temperature on the 21st and 30th of the month.

The 5-day averages of air temperature and their differences from normal at various places are shown in Table 1 and the extreme temperatures are shown in Table 2.

AUGUST 2017

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	34	0	32	1	30	1	1
6--10	37	0	33	0	32	1	28	-1	0
11--15	38	0	33	0	32	1	31	3	1
16--20	37	0	33	1	32	1	28	0	0
21--25	36	-1	33	0	32	1	28	1	1
26-31	37	1	33	1	31	1	29	2	1
MONTH	37	0	33	0	32	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	23	1	23	1	22	1	18	0	0
6--10	23	1	24	1	23	2	17	-2	1
11--15	24	2	25	2	23	2	19	0	1
16--20	22	0	23	1	22	1	16	-2	0
21--25	23	1	23	1	23	2	16	-2	0
26-31	22	1	22	0	21	0	16	-1	0
MONTH	23	1	23	1	22	1	17	-1	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	40,6	1	36,5	26	33,3	26	32,6	15	
LOWEST MINIMUM	19,4	30	20,2	30	19,7	16	13,4	21	