

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

9 August 2017

MONTHLY WEATHER REPORT

THE WEATHER IN JULY 2017

General Weather Conditions: During July the weather was extremely hot and dry. Unstable weather conditions prevailed on the 15th and on the 24th of the month, giving isolated thundery showers in some mountainous areas. The mean temperature in July was approximately 2°C above normal and the area average precipitation was 0.1mm i.e. 4% of normal.

Severe Weather conditions: During the periods 1-4, 10-16, and 24-27 and on the 31st of July extremely high temperature were recorded all around Cyprus. The daily maximum temperature of 44.6°C, recorded in Athalassa area in Nicosia city on the 2nd of July, was the highest for the specific station and for the specific month since 1983.

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 in all areas, generally ranging from 0% to 98% of normal.

The cumulative area average precipitation during the period October 2016-July 2017 was about 408.7mm, i.e. 82% of normal. Generally, the cumulative precipitation was below normal almost in all areas, ranging from 62% to 115% of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was about 2°C above normal. Mean daily temperatures were below or around normal during the periods 19-22 and 28-29 of the month, while during the rest of the month they were above normal. Extremely high temperatures were recorded during the periods 1-4, 10-16 και 24-27 and on the 31st of the month, when maximum temperatures were up to 12°C above normal. Heat wave conditions (maximum daily temperature above 40°C) prevailed during the periods 1-4, 11-13 και 24-26 and on the 31st of the month. Maximum temperatures exceeded 37°C at Athalassa on 24 occasions, exceeded 32°C at Larnaka on 27 occasions and at Prodromos they exceeded 28°C on 28 occasions. Most Stations recorded their highest maximum temperature during the period 1-2 of the month and their lowest minimum temperature on the 20th and 29th 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.

JULY 2017

FIVE-DAY TEMPERATURES AND DEVIATIONS FROM NORMAL (°C)
PROVISIONAL 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	42	6	37	4	35	5	34	7	6
6--10	38	1	34	2	32	2	30	3	2
11--15	41	4	34	2	32	2	33	5	3
16--20	38	0	34	2	32	2	30	3	2
21--25	39	1	33	1	32	2	29	1	1
26-31	38	1	35	2	32	1	31	2	2
MONTH	39	2	35	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	26	5	24	2	22	2	22	5	4
6--10	24	2	23	1	20	0	18	0	1
11--15	25	4	23	2	21	1	21	3	2
16--20	23	1	23	1	22	1	18	0	1
21--25	24	2	24	2	22	1	18	-1	1
26-31	24	2	24	2	22	1	18	-1	1
MONTH	24	2	24	2	22	1	19	1	2

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	44,6	2	39,9	1	41,6	1	36,7	2	
LOWEST MINIMUM	20,7	29	21,5	20	19,5	6, 11	14,8	29	