

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

**3 May 2018**

**MONTHLY WEATHER REPORT**

**THE WEATHER IN APRIL 2018**

**General Weather Conditions:** In April the weather was extremely dry and warm. Unstable weather conditions prevailed during the period 8-10, on the 21<sup>st</sup> and during the periods 26-27 and 29-30 of the month, giving local rain, isolated thunderstorms and hail over some areas. The mean air temperature was about 3°C above normal and the area average precipitation was 5.5mm i.e. 18% of normal.

**Severe Weather conditions:** On the 9<sup>th</sup> of April severe thunderstorms with hail affected the area of Nicosia caused difficulties.

**Precipitation (normal period: 1961-1990):** According to preliminary estimates, the area average precipitation in April was 5.5mm i.e. 18% of normal. Monthly precipitation was below normal in most areas, generally ranging from 0% to 134% (Kato Pyrgos) of normal.

Hail was recorded on the 9<sup>th</sup> (Nicosia) and 27<sup>th</sup> of the month (Phini).

The cumulative area average precipitation during the period October 2017 - April 2018 was about 357.6mm, i.e. 77% of normal. The cumulative precipitation was below or around normal in most areas, generally ranging from 59% (Meniko) to 102% (Kouris) of normal.

**Temperature (normal period: 1981-2010):** The mean air temperature for the month was about 3°C above normal. Mean daily temperatures were below normal on the 10<sup>th</sup> and during the period 21-22 of the month, while during the rest of the month they were above normal. Extremely high temperatures for the month were recorded during the periods 5-7, 14-19 and 23-30 of the month, when maximum temperatures were about 6 to 10° C above normal. Extremely high temperature was recorded on the 18<sup>th</sup> of the month, when maximum temperature were about 10°C above normal. Maximum temperatures exceeded 23°C at Athalassa and Larnaka Airport on 29 and 24 occasions, respectively. At Prodomos they exceeded 15°C on 24 occasions. Most stations recorded their highest maximum temperature during the period 16-19 of the month and their lowest minimum temperature during the periods 9-10 of the month.

During the month no air frost or ground frost was recorded in any area of Cyprus.

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.

APRIL 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	28	6	25	3	22	2	17	4	4
6--10	28	5	24	2	22	1	16	2	3
11--15	30	5	24	1	23	1	21	4	3
16--20	31	7	27	4	25	4	22	6	5
21--25	29	4	26	2	24	2	18	2	2
26--30	33	6	27	3	26	3	22	5	4
<b>MONTH</b>	<b>30</b>	<b>5</b>	<b>25</b>	<b>3</b>	<b>24</b>	<b>2</b>	<b>19</b>	<b>4</b>	<b>3</b>

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	11	2	12	2	10	0	6	1	1
6--10	11	2	12	1	10	-1	6	1	1
11--15	14	3	14	2	12	0	10	2	2
16--20	14	4	15	3	14	2	11	4	3
21--25	14	3	15	3	12	0	7	0	1
26--30	17	5	18	5	16	3	12	4	4
<b>MONTH</b>	<b>13</b>	<b>3</b>	<b>14</b>	<b>3</b>	<b>12</b>	<b>1</b>	<b>9</b>	<b>2</b>	<b>2</b>

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	34.4	18	28.9	19, 26	28.7	16	25.7	18
LOWEST MINIMUM	8.7	9	10.4	2	8.4	5	3.3	10