

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

**12 April 2019**

**MONTHLY WEATHER REPORT**

**THE WEATHER IN MARCH 2019**

**General Weather Conditions:** In March the weather was relatively wet. Unstable weather conditions prevailed during the periods 1-5 and 12-16, on the 19<sup>th</sup>, on the 24<sup>th</sup> and during the period 27-31 of the month, giving rain, local thunderstorms, hail and snowfall over mountains. The mean air temperature was approximately 0.5°C above normal and the area average precipitation was 82.7mm or 134% of normal.

**Severe Weather conditions:** On the 24<sup>th</sup> of the month severe hailfall in the areas of Limassol and Paphos caused damages to crops. On the 27<sup>rd</sup> of the month, hail of large size affected the area of Paphos. On the 30<sup>th</sup> of the month, waterspout was observed in the sea area of Dhekelia.

**Precipitation (normal period: 1961-1990):** According to preliminary estimates the area average precipitation in March was 82.7mm i.e. 134% of normal. Monthly precipitation was above normal almost in all areas, generally ranging from 80% (Kivides) to 256% (Athalassa) of normal.

Snowfall was recorded during the periods 2-3 (Troodos) and 13-15 (Troodos), on the 24<sup>th</sup> (Troodos, Prodomos, Pedoulas, Amiantos, Omodos, Kyperounta) and on the 30<sup>th</sup> (Troodos) of the month. Hail was recorded on the 4<sup>th</sup> (kellaki), during the period 12-13 (Kyperounta, Kellaki, Palaichori, Larnaka Airport), on the 15<sup>th</sup> (Kellaki, Troodos, Kyperounta), on the 24<sup>th</sup> (Agros, Kellaki, Troodos, Kathikas, Pegeia) of the month.

The cumulative area average precipitation during the period October 2018 - March 2019 was about 703.5mm, i.e. 161% of normal. The cumulative precipitation was above normal in all areas, ranging from 132% (Limni) to 208% (Acheleia) of normal.

**Temperature (normal period: 1981-2010):** The mean air temperature for the month was approximately 0.5°C above normal. The mean daily temperatures were below normal on the 1<sup>st</sup>, on the 3<sup>rd</sup>, on the 16<sup>th</sup> and during the periods 24-25 and 29-31 of the month, while during the remaining days they were above or around normal. Extremely low temperature for the month was recorded on 29<sup>th</sup> of the month, when maximum temperature was about 8°C below normal. Maximum temperatures exceeded 19° C at Athalassa and Larnaka Airport on 22 and 21 occasions respectively. At Prodomos they exceeded 10° C on 19 occasions. Most stations recorded their highest maximum temperature during the period 19-23 of the month and their lowest minimum temperature on the 1<sup>st</sup> of the month.

Air frost was recorded on 7 occasions in the mountainous areas, while ground frost was recorded on one occasion in inland areas, on one occasion in coastal areas and on 13 occasions in the mountainous areas.

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.

MARCH 2019

FIVE DAYS 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	19	0	19	0	17	-1	7	-4	-1
6--10	20	2	20	1	19	1	13	4	2
11--15	21	3	20	1	20	2	12	3	2
16--20	21	2	21	2	19	1	14	4	2
21--25	23	3	22	2	20	1	11	1	2
26--31	19	-2	19	-2	19	0	7	-6	-3
<b>MONTH</b>	<b>20</b>	<b>1</b>	<b>20</b>	<b>1</b>	<b>19</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>1</b>

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	5	-2	7	-1	9	0	0	-3	-2
6--10	7	1	9	0	10	1	2	0	1
11--15	7	0	10	1	11	2	2	0	1
16--20	8	1	10	2	9	1	4	2	1
21--25	10	3	11	2	9	0	3	0	1
26--31	8	0	10	1	11	1	2	-2	0
<b>MONTH</b>	<b>8</b>	<b>1</b>	<b>9</b>	<b>1</b>	<b>10</b>	<b>1</b>	<b>2</b>	<b>-1</b>	<b>0</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	25.5	23	24.2	21	21.6	22	17.1	19
LOWEST MINIMUM	1.5	1	3.4	1	3.2	1	-3.7	1