

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

20 April 2016

MONTHLY WEATHER REPORT

THE WEATHER IN MARCH 2016

General Weather Conditions: In March the weather was relatively warm. Unstable weather conditions prevailed during the periods 2-5, 13-16 and 27-28 of the month, giving rain, local thunderstorms, hail and slight snowfall over Troodos mountains. The mean air temperature was approximately 2 °C above normal and the area average precipitation was 49.6 mm or 80% of normal.

Abnormal Weather Conditions: On the 14th of the month, severe thunderstorms with hail affected the area of Troodos mountains.

Precipitation: According to preliminary estimates the area average precipitation in March was 49.6 mm i.e. 80% of normal. Monthly precipitation was above normal in the mountainous areas, while in the other areas it was around or below normal, generally ranging from 27% to 181% of normal. Hail was recorded on the 4th and 14th of the month and snow fell on the 14th and 27th of the month.

The cumulative area average precipitation during the period October 2015–March 2016 was about 256.7 mm, i.e. 59% of normal. The cumulative precipitation was below normal in all areas, ranging from 43% to 92% of normal.

Temperature: The mean air temperature for the month was approximately 2 °C above normal. Mean daily temperatures were below normal during the periods 16-18 and 27-30 of the month, while during the rest of the month they were above or around normal. Extremely high temperatures were recorded during the periods 1-2, 8-9, 12-13 and 23-24 of the month, when maximum temperatures were about 2 °C to 9 °C above normal. Maximum temperatures exceeded 19 °C at Athalassa and Larnaka Airport on 25 and 28 occasions respectively. At Prodromos they exceeded 10 °C on 23 occasions. Most stations recorded their highest maximum temperature on the 1st or on the 9th or on the 24th of the month and their lowest minimum temperature on the 7th or during the period 17-18 of the month.

Air frost and ground frost were recorded only in the mountainous areas on 4 and 11 occasions respectively.

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.

MARCH 2016
PRELIMINARY DATA

FIVE-DAY TEMPERATURES AND DIFFERENCES FROM NORMAL (C)

Table 1

MEAN DAILY MAXIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DIF/NCE
DATES	ACTUAL	DIF/NCE	ACTUAL	DIF/NCE	ACTUAL	DIF/NCE	ACTUAL	DIF/NCE	
1--5	22	4	22	4	23	5	12	2	4
6--10	23	5	22	3	22	4	15	5	4
11--15	22	4	21	2	21	3	13	4	3
16--20	19	0	20	0	20	1	10	0	0
21--25	23	3	21	2	22	3	14	4	3
26-31	21	0	21	1	20	1	11	-2	0
MONTH	22	2	21	2	21	3	12	2	2

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DIF/NCE
DATES	ACTUAL	DIF/NCE	ACTUAL	DIF/NCE	ACTUAL	DIF/NCE	ACTUAL	DIF/NCE	
1--5	10	3	13	5	14	5	5	3	4
6--10	9	2	11	3	12	3	4	2	2
11--15	9	3	11	3	12	4	4	2	3
16--20	8	1	8	0	10	2	1	-1	0
21--25	10	3	10	1	12	3	4	1	2
26-31	8	0	9	0	11	1	2	-2	0
MONTH	9	2	10	2	12	3	4	1	2

Normal Period for Teperature = 1981 - 2010

Table 2

EXTREME TEMPERATURES								
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS	
TEMPERAT.	(C)	DATE	(C)	DATE	(C)	DATE	(C)	DATE
HIGHEST MAXIMUM	27.8	24	24.7	1	27.3	1	18.7	9
LOWEST MINIMUM	5.7	26	6.9	17 & 26	7.6	31	-0.8	18