

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

15 June 2017

MONTHLY WEATHER REPORT

THE WEATHER IN MAY 2017

General Weather Conditions: In May the weather was mild. Unstable weather conditions occurred during the periods 2-6 and 17-23 of the month, giving local rain, isolated thundery showers and hail over some areas. The mean air temperature was about 1° C above normal and the area average precipitation was 17mm i.e. 87% of normal.

Abnormal Weather conditions: On the 23rd of the month, hail of large size affected the area of Troodos. The hail depth reached 20cm.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in May was 17mm i.e. 87% of normal. Monthly precipitation ranged from 0% to 426% of normal.

Hail was recorded during the period 2-3 and on the 5th, 20th and 23rd of the month.

The cumulative area average precipitation during the period October 2016–May 2017 was about 406.6mm i.e. 83% of normal. The cumulative precipitation was around or below normal in all areas, ranging from 61% to 102% of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was about 1° C above normal. Mean daily temperatures were above normal during the periods 1-4 and 8-14 of the month, while during the rest of the month they were below or around normal. Extremely high temperatures were recorded during the period 13-14 of the month, when maximum and minimum temperatures were about 3° C to 13° C above normal. Extremely low temperatures were recorded on the 20th and during the period 22-23 of the month, when maximum and minimum temperatures were about 2° C to 10° C below normal. Maximum temperatures exceeded 28° C at Athalassa and Larnaka Airport on 18 and 8 occasions, respectively. At Prodromos they exceeded 20° C on 26 occasions. The most representative stations recorded their highest maximum temperature on the 10th and 14th of the month and their lowest minimum temperature during the period 22-23 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.

MAY 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	28	1	25	1	24	1	23	6	2
6--10	30	2	28	2	26	2	25	6	3
11--15	34	4	29	2	26	2	29	9	4
16--20	28	-2	28	1	26	1	21	0	0
21--25	27	-4	25	-2	24	-1	20	-2	-2
26-31	29	-3	27	-1	25	0	24	2	-1
MONTH	29	0	27	0	25	1	24	3	1

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	14	2	15	1	13	0	11	3	2
6--10	15	1	16	2	15	1	13	4	2
11--15	17	2	17	1	15	1	16	5	2
16--20	18	2	18	2	17	2	12	1	2
21--25	14	-2	15	-1	15	0	10	-2	-1
26-31	16	-1	16	-1	15	-2	12	-1	-1
MONTH	16	1	16	1	15	0	12	1	1

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	36.6	14	34.2	10	29.7	10	33.4	14
LOWEST MINIMUM	12.7	22	13.6	21	12.0	4	7.9	23