

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

09 June 2016

MONTHLY WEATHER REPORT

THE WEATHER IN MAY 2016

General Weather Conditions: In May the weather was relatively wet. Unstable weather conditions prevailed during the periods 3-8, 15-16, 22-23 and 27-29 of the month, giving local rain, isolated thundery showers and hail over some areas. The mean air temperature was around normal and the area average precipitation was 26.3mm i.e. 134% of normal.

Abnormal Weather conditions: On the 27th of the month, hail of large size caused damages to crops in many of the mountainous villages of Limassol district (Pera Pedi, Platres, Phini, Koilani).

Precipitation: According to preliminary estimates the area average precipitation in May was 26.1 mm i.e. 134% of normal. Monthly precipitation ranged from 8% to 547% of normal. Hail was recorded on the 5th of the month and during the period 27-28 of the month.

The cumulative area average precipitation during the period October 2015–May 2016 was about 295.9mm i.e. 61% of normal. The cumulative precipitation was below normal in all areas, ranging from 42% to 94% of normal.

Temperature: The mean air temperature for the month was around normal. Mean daily temperatures were above normal during the first and middle part of the month, while during the rest of the month, they were mainly below or around normal. Extremely high temperatures were recorded during the periods 1-2 and 14-16 of the month, when maximum and minimum temperatures were about 2°C to 12°C above normal. Extremely low temperatures were recorded during the periods 5-8 of the month, on the 23th of the month and during the period 27-28 of the month, when maximum and minimum temperatures were about 2°C to 9°C below normal. Maximum temperatures exceeded 28°C at Athalassa and Larnaka Airport on 19 and 8 occasions, respectively. At Prodromos they exceeded 20°C on 15 occasions. The most representative stations recorded their highest maximum temperature during the period 14-15 of the month and their lowest minimum temperature during the period 5-8 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 2016

FIVE-DAY TEMPERATURES AND DIFFERENCES FROM NORMAL (C)

Preliminary Data

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	28	2	26	2	25	2	17	-1	1
6-10	26	-2	25	-1	23	-1	15	-4	-2
11-15	32	3	29	3	28	4	25	4	4
16-20	29	-1	28	1	26	1	21	0	0
21-25	30	-1	27	0	25	0	20	-2	-1
26-31	29	-3	27	-1	26	0	20	-2	-1
MONTH	29	-1	27	1	25	1	19	-1	0

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	16	4	17	4	16	3	8	0	3
6-10	13	0	14	0	14	-1	6	-4	-1
11-15	18	3	18	3	17	3	14	3	3
16-20	17	2	18	2	17	2	10	-1	1
21-25	16	0	16	-1	17	1	9	-3	-1
26-31	16	-1	17	-1	15	-1	9	-4	-1
MONTH	16	1	17	1	16	1	9	-2	0

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	35,2	14	36,0	15	35,8	15	27,9	14
LOWEST MINIMUM	11,1	6	13,0	8	12,5	11	4,2	5