

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

14 June 2018

MONTHLY WEATHER REPORT

THE WEATHER IN MAY 2018

General Weather Conditions: In May the weather was wet and hot. Unstable weather conditions occurred , on the 2th, on the 4nd , during the period 7-15, on the 24th and during the period 28-31 of the month, giving local rain, isolated thundery showers and hail over many areas. The mean air temperature was about 3°C above normal and the area average precipitation was 45.5mm i.e. 232% of normal.

Abnormal Weather conditions: On the 4th of the month tornado affected the area of Paphos. On the 11th of the month severe rainfall with hail and tornado in Klirou caused damages to properties. On the 19th of the month extremely high temperatures were recorded in all areas. On the 29th of the month severe rainfall in Peristerona-Akaki area caused floods. On the 30th of the month severe hailfall in Prodromos area caused damages to crops. On the 31st of the month severe rainfall with hail in the areas of Strovolos, Lakatamia, Deftera and Anthoupoli caused damages to properties.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in May was 45.5mm i.e. 232% of normal. Monthly precipitation ranged from 0% (Limassol) to 690% (Panagia Bridge) of normal.

Hail was recorded on the 7th (Skouriotissa and Mitsero), during the period 9-11 (Apliki, Agros, Palaichori, Eptagonia, Kellaki, Klirou and Gourri), on the 13th (Saitas and Apesia), on the 24th (Kyperounta), on the 29th (Meniko) and on the 31st (Strovolos) of the month.

The cumulative area average precipitation during the period October 2017–May 2018 was about 403.1mm i.e. 83% of normal. The cumulative precipitation was around or below normal almost in all areas, ranging from 56% (Mathiatis) to 110% (Panagia Bridge) 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 8th, on the 11th , on the 26th and during the period 30-31 of the month, while during the rest of the month they were above or around normal. Extremely high temperatures were recorded during the periods 1-5 and 17-24 of the month, when maximum temperatures were about 3° C to 11°C above normal. Maximum temperatures exceeded 28°C at Athalassa and Larnaka Airport on 30 and 17 occasions, respectively. At Prodromos they exceeded 20°C on 21 occasions. The most representative stations recorded their highest maximum temperature during the period 18-19 of the month and their lowest minimum temperature during the period 8-10 of the month.

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.

MAY 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	35	8	30	5	30	8	25	7	7
6--10	29	1	25	0	25	1	19	0	1
11--15	30	1	27	1	25	1	19	-1	0
16--20	37	7	33	6	31	6	27	6	6
21--25	37	6	31	4	29	3	26	4	4
26-31	32	0	28	0	27	2	21	-2	0
MONTH	33	4	29	3	28	3	23	3	3

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	18	5	21	8	18	5	13	5	6
6--10	16	3	17	3	16	2	8	-2	1
11--15	16	1	16	1	16	2	9	-2	0
16--20	20	4	21	5	18	3	15	4	4
21--25	21	5	21	5	18	3	16	4	4
26-31	18	1	19	2	18	2	10	-3	1
MONTH	18	3	19	4	17	3	12	1	3

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	39.7	19	36.9	19	33.6	4,18	30.0	19
LOWEST MINIMUM	14.0	9,10	15.5	8,10	14.2	16	6.3	8