

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

10 June 2019

MONTHLY WEATHER REPORT

THE WEATHER IN MAY 2019

General Weather Conditions: In May the weather was extremely dry and hot. Unstable weather conditions occurred on the 1st, on the 7th, on the 9th and on the 12th of the month, giving isolated showers in some areas. The mean air temperature was about 2°C above normal and the area average precipitation was 1.6mm i.e. 8% of normal.

Abnormal Weather conditions: During the periods 22-23 and 28-31 of May extremely high temperatures were recorded all around Cyprus.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in May was 1.6mm i.e. 8% of normal. Monthly precipitation was below normal almost in all areas, generally ranging from 0% to 164% (Evretou) of normal.

The cumulative area average precipitation during the period October 2018–May 2019 was about 741.8mm i.e. 152% of normal. The cumulative precipitation was above normal in all areas, ranging from 135% (Drouseia) to 220% (Alaminos) of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was about 2°C above normal. Mean daily temperatures were below normal on the 3rd, during the period 7-11, on the 18th and on the 25th of the month, while during the rest of the month they were above or around normal.

Extremely high temperatures were recorded during the periods 22-23 and 28-31 of the month, when maximum temperatures were about 7°C to 11°C above normal.

Heat wave conditions (maximum daily temperature above 40°C) prevailed on the 23rd and during the period 29-31 of the month. The daily maximum temperature of 42.1°C, recorded in Athalassa on the 29th of May, was the highest for the specific station and for the specific month since 1983.

Maximum temperatures exceeded 28°C at Athalassa and Larnaka Airport on 25 and 16 occasions respectively. At Prodromos they exceeded 20°C on 24 occasions. The most representative stations recorded their highest maximum temperature on the 23rd and during the period 29-31 of the month and their lowest minimum temperature during the period 8-9 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 2019

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	29	2	26	1	24	1	20	3	2
6--10	26	-2	25	-1	24	0	16	-3	-1
11--15	33	4	28	2	25	1	25	4	3
16--20	34	4	29	2	26	1	25	4	3
21--25	36	6	30	3	27	2	29	7	4
26-31	39	7	32	4	27	1	29	6	5
MONTH	33	3	29	2	26	1	24	4	3

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	14	1	15	1	13	0	9	0	1
6--10	11	-2	14	-1	15	1	6	-4	-2
11--15	14	0	16	0	14	0	12	1	0
16--20	16	0	18	2	15	0	13	2	1
21--25	17	1	19	2	17	1	17	5	3
26-31	20	4	20	3	17	1	16	4	3
MONTH	16	1	17	1	15	1	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	42.1	29	35.4	31	31.2	23	32.7	30
LOWEST MINIMUM	9.1	9	11.0	8	11.4	4	3.5	9