

9 June 2020

MONTHLY WEATHER REPORT

THE WEATHER IN MAY 2020

General Weather Conditions: In May the weather was dry and hot. Unstable weather conditions occurred during the periods 1-2, 4-5 and 8-9, on the 20th, during the period 22-23 and on the 28th of the month, giving isolated showers and thunderstorms in some areas. The mean air temperature was about 2°C above normal and the area average precipitation was 8.5mm i.e. 43% of normal.

Severe Weather conditions: On the 1st of the month, severe hailfall in the area of Famagusta caused damages to crops. On the 5th of the month severe rainfall with hail and near gale winds affected the areas of Paphos and Nicosia causing damages to properties. During the period 15-21 of May extremely high temperatures were recorded all around Cyprus. On the 23rd of the month, severe hailfall in the areas of Marathasa, Solea and Pitsilia caused damages to crops.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in May was 8.5mm i.e. 43% of normal. Monthly precipitation was below normal almost in all areas, generally ranging from 0% to 155% (Kornos) of normal.

Hail was recorded on the 1st (Famagusta area), on the 5th (Agros, Agios Ioannis Malountas, Agios Theodoros Agrou, Limni) and on the 23rd (Agros, Kalopanagiotis, Agios Theodoros Agrou, Kyperounta, Agridia, Chadria, Dimes, Potamitissa) of the month.

The cumulative area average precipitation during the period October 2019–May 2020 was about 625.9mm i.e. 129% of normal. The cumulative precipitation was above normal almost in all areas, ranging from 93% (Paphos Airport) to 157% (Larnaka Airport, Polemidia) 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 1st, on the 3rd, during the period 5-6, on the 8th and during the periods 22-26 and 28-31 of the month, while during the rest of the month they were above or around normal. Extremely high temperatures were recorded during the period 15-21 of the month, when maximum temperatures were about 8°C to 18°C above normal. Heat wave conditions (maximum daily temperature above 40°C) prevailed during the period 16-21 of the month. The daily maximum temperature of 43.9°C, recorded in Athalassa on the 19th of May, was the highest for the specific station for the period May - June since 1983. Also, the daily maximum temperature of 42.7°C, recorded in Paphos Airport on the 17th of May, was the highest for the specific station since 1983. Maximum temperatures exceeded 28°C at Athalassa and Larnaka Airport on 21 and 12 occasions respectively. At Prodromos they exceeded 20°C on 20 occasions. The most representative stations recorded their highest maximum temperature during the period 17-19 of the month and their lowest minimum temperature during the period 6-10 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 2020

FIVE-DAY TEMPERATURES AND DEVIATIONS FROM NORMAL (° C)

Provisional 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	27	0	24	-1	23	0	15	-2	-1
6--10	28	0	26	1	24	0	20	1	0
11--15	34	5	29	3	27	2	28	7	4
16--20	42	11	39	12	36	11	31	10	11
21--25	31	1	30	3	28	3	22	0	2
26-31	29	-3	27	-1	24	-2	21	-2	-2
MONTH	32	2	29	3	27	2	23	2	2

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	11	-1	15	2	14	1	6	-2	0
6--10	13	0	16	1	13	-1	8	-2	0
11--15	14	0	17	1	13	-1	15	4	1
16--20	25	10	27	11	23	8	21	9	9
21--25	19	3	20	3	20	4	10	-2	2
26-31	14	-2	16	-1	15	-1	8	-4	-2
MONTH	16	1	18	3	16	2	11	0	2

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	43.7	19	40.6	19	42.5	17	33.2	19
LOWEST MINIMUM	10.6	3,7	12.9	7	11.5	10	3.8	24