

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

13 April 2020

MONTHLY WEATHER REPORT

THE WEATHER IN MARCH 2020

General Weather Conditions: In March the weather was relatively warm. Unstable weather conditions prevailed during the periods 5-6, 11-13, 16-17, 19-20, 22-25 and 27-31 of the month, giving rain, local thunderstorms, hail and snowfall over mountains. The mean air temperature was approximately 1.5°C above normal and the area average precipitation was 62.0mm or 100% of normal.

Severe Weather conditions: On the 12th of the month, severe hailfall with near gale to gale winds affected almost all areas of Cyprus causing damages to properties. During the period 19-20 of the month, extremely low temperatures for the month were recorded in all areas of Cyprus causing damages to plantations.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in March was 62.0mm i.e. 100% of normal. Monthly precipitation was below normal in the western areas, generally ranging from 28% (Limni) to 183% (Panagia Bridge) of normal.

Snowfall was recorded during the periods 16-17 (Troodos, Prodromos, Amiantos, Kyperounta, Pedoulas) and 19-20 (Troodos, Prodromos, Amiantos, Kyperounta, Pedoulas, Omodos) of the month.

Hail was recorded during the periods 16-17 (Kellaki) and 19-20, on the 25th and on the 27th (Meniko) of the month.

The cumulative area average precipitation during the period October 2019 - March 2020 was about 582.2mm, i.e. 133% of normal. The cumulative precipitation was above normal almost in all areas, ranging from 99% (Paphos Airport) to 166% (Pano Polemidia) of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was approximately 1.5°C above normal. The mean daily temperatures were below normal during the periods 17-21 and 28-29 of the month, while during the remaining days they were above or around normal. Extremely low temperatures for the month were recorded during the period 19-20 of the month, when maximum and minimum temperatures were about 3-6°C below normal. Maximum temperatures exceeded 19°C at Athalassa and Larnaka Airport on 24 and 23 occasions respectively. At Prodromos they exceeded 10°C on 25 occasions. Most stations recorded their highest maximum temperature during the periods 8-9 and 14-15 and on the 31st of the month and their lowest minimum temperature during the period 18-20 of the month.

Air frost was recorded on 7 occasions in the mountainous areas, while ground frost was recorded on 3 occasions in inland areas, on 1 occasion in coastal areas and on 10 occasions in the mountainous areas.

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.

MARCH 2020

FIVE DAYS 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	21	3	20	2	19	1	15	5	3
6--10	23	4	20	2	20	2	16	6	4
11--15	21	3	22	3	21	3	14	5	3
16--20	17	-2	17	-2	17	-2	9	-1	-2
21--25	22	2	20	0	19	0	14	3	1
26--31	22	0	22	1	21	1	13	0	1
MONTH	21	2	20	1	20	1	13	3	2

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	7	0	10	1	9	0	3	1	1
6--10	10	3	11	3	10	1	4	2	2
11--15	11	4	13	5	12	3	5	3	4
16--20	6	0	7	-1	8	-1	-1	-4	-1
21--25	7	0	8	0	7	-2	2	-1	-1
26--31	11	3	13	4	13	4	4	0	2
MONTH	9	2	11	2	10	1	3	0	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	24.4	8	23.9	14	25.8	31	18.6	8
LOWEST MINIMUM	1.7	20	3.8	20	4.9	18	-3.3	19