

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

2 May 2018

MONTHLY WEATHER REPORT

THE WEATHER IN MARCH 2018

General Weather Conditions: In March the weather was dry and extremely warm. Unstable weather conditions prevailed on the 8th, on the 15th, on the 24th and during the period 28-30 of the month, giving local rain, isolated thunderstorms and hail in some areas. The mean air temperature was approximately 3.5°C above normal and the area average precipitation was 21.6mm or 35% of normal.

Severe Weather conditions: On the 23rd and 27th of March extremely high temperatures were recorded in all areas of Cyprus. During the period 25-26 of the month thick dust from North Africa affected the area.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in March was 21.6mm i.e. 35% of normal. Monthly precipitation was below normal in all areas, generally ranging from 3% (Lefkara) to 73% (Prodromos) of normal.

Hail was recorded on the 29th of the month (Stavros Psokas, Pedoulas, Doros, Amiantos, Agros, Agios Theodoros Agrou).

The cumulative area average precipitation during the period October 2017–March 2018 was about 352.1mm, i.e. 80% of normal. The cumulative precipitation was below normal almost in all areas, ranging from 53% (Mathiatis) to 107% (Kouris) of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was approximately 3.5°C above normal. During the month the mean daily temperatures were above normal. Extremely high temperatures for the month were recorded during the periods 4-8 and 17-23 and on the 27th of the month, when maximum temperatures were about 5 to 13° C above normal. Maximum temperatures exceeded 19° C at Athalassa and Larnaka Airport on 31 and 30 occasions respectively. At Prodromos they exceeded 10° C on 30 occasions. Most stations recorded their highest maximum temperature on the 23rd and 27th of the month and their lowest minimum temperature during the period 2-3 and on the 30th of the month.

During the month no air frost or ground frost was recorded in any area of Cyprus.

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.

MARCH 2018

FIVE DAYS 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	24	6	20	1	20	2	15	5	3
6--10	24	6	22	3	21	3	17	7	5
11--15	24	6	21	2	20	2	15	6	4
16--20	25	6	22	3	22	4	18	8	5
21--25	26	6	23	3	23	4	17	7	5
26-31	26	4	22	2	22	3	17	4	3
MONTH	25	6	22	2	21	3	16	6	4

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	8	1	10	2	10	1	6	3	2
6--10	12	5	13	5	13	4	6	4	4
11--15	8	2	10	1	10	1	4	2	2
16--20	9	2	11	2	12	3	7	5	3
21--25	10	3	13	4	12	3	8	5	4
26-31	10	2	12	3	11	1	5	1	2
MONTH	9	2	11	3	11	2		3	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	33.2	23	25.5	23	28.6	23	22.5	27	
LOWEST MINIMUM	6.1	3	7.8	2	8.6	3	1.8	30	