

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

8 March 2018

MONTHLY WEATHER REPORT

THE WEATHER IN FEBRUARY 2018

General Weather Conditions: In February the weather was extremely hot and relatively dry for this season. Unstable weather conditions prevailed during the periods 7-9, 12-14 16-17 and 20-28 of the month, giving local rain, isolated thundery showers and hail. The mean air temperature was about 3°C above normal, while the area average precipitation was 55.1mm i.e. 68% of normal.

Abnormal Weather conditions: On the 9th of February extremely high temperatures were recorded mainly inland and in the mountainous areas. On the 16th and on 17th of the month heavy rainfall in Limassol and in Paphos caused damages to properties.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in February was 55.1mm i.e. 68% of normal. Monthly precipitation was above normal mainly in the west part of Cyprus, generally ranging from 26% (Akrounta) to 160% (Asprokremmos) of normal.

Hail was recorded on the 21st (Amiantos) and 23rd (Stavrovouni) of the month.

The cumulative area average precipitation during the period October 2017 - February 2018 was about 327.6mm, i.e. 87% of normal. Generally, the cumulative precipitation was below normal in most areas, ranging from 61% (Mathiatis) to 116% (Kornos) of normal.

Temperature (normal period: 1981-2010): The mean air temperature of the month was about 3°C above normal. Mean daily temperatures were below normal only on the 17th and 26th of the month, while during the remaining days they were around or above normal. Extremely high temperatures for the month were recorded during the period 6-9 of the month, when maximum temperatures were about 4 to 12°C above normal. Maximum temperatures exceeded 16°C at Athalassa and Larnaka Airport on 26 and 28 occasions respectively. At Prodromos they exceeded 7°C on 24 occasions. Most stations recorded their highest maximum temperature on the 25th of the month and their lowest minimum temperature during the period 13-14 and on the 19th of the month.

Ground frost was recorded on 1 occasion in inland areas and on 5 occasions in the mountainous areas.

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.

		FEBRUARY		2018					
FIVE DAYS TEMPERATURES AND DEVIATIONS FROM NORMAL (°C)									
Preliminary Data									
<i>Table 1</i>									
MEAN DAILY MAXIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	20	5	19	2	19	2	13	8	4
6--10	22	6	21	4	21	4	17	11	6
11--15	19	3	19	2	19	2	9	2	2
16--20	19	3	19	2	19	2	10	4	3
21--25	20	4	19	2	19	2	10	3	3
26--28	19	2	19	1	18	1	8	0	1
MONTH	20	4	19	2	19	2	11	5	3
MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	7	3	9	3	9	1	4	4	3
6--10	9	4	11	4	10	2	9	8	5
11--15	7	2	10	2	14	5	1	1	2
16--20	9	4	11	4	10	1	3	2	3
21--25	7	2	10	3	10	2	2	2	2
26--28	7	2	9	2	13	5	2	0	2
MONTH	8	3	10	3	11	3	4	3	3
Normal Period for Temperature = 1981 - 2010									
<i>Table 2</i>									
EXTREME TEMPERATURES									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		
TEMPERAT.	(°C)	DATE	(°C)	DATE	(°C)	DATE	(°C)	DATE	
HIGHEST MAXIMUM	25,2	9	21,9	9	21,4	11,18	18,2	9	
LOWEST MINIMUM	4,1	19	6,5	14	6,9	19	0,4	13	