

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

7 March 2017

MONTHLY WEATHER REPORT

THE WEATHER IN FEBRUARY 2017

General Weather Conditions: In February the weather was extremely dry for this season. Unstable weather conditions prevailed during the periods 5-6, 9-16 and 21-23 of the month and on the 28th of the month, giving local rain, isolated thundery showers, hail and snow. The mean air temperature was around normal, while the area average precipitation was 11.2mm i.e. 14% of normal.

Abnormal Weather conditions: On the 9th of the month heavy rainfall southwest of Nicosia caused damages to properties. On the 28th of February extremely high temperatures were recorded in the west coasts.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in February was 11.2mm i.e. 14% of normal. Monthly precipitation was below normal in all areas of Cyprus, generally ranging from 0% to 56% of normal.

Snowfall fell during the period 11-16 of the month, while hail was recorded on the 9th and 22nd of the month and during the period 11-13 of the month.

The cumulative area average precipitation during the period October 2016 - February 2017 was about 307.5mm, i.e. 82% of normal. Generally, the cumulative precipitation was below normal in almost all areas, ranging from 63% to 110% of normal.

Temperature (normal period: 1981-2010): The mean air temperature of the month was around normal. Mean daily temperatures were below normal during the periods 1-2 and 13-18 of the month, while during the remaining days they were around or above normal. Extremely low temperatures for the month were recorded during the period 13-17 of the month, when maximum and minimum temperatures were about 2 to 10° C below normal. Extremely high temperatures for the month were recorded during the period 26-28 of the month, when maximum and minimum temperatures were about 2 to 7° C above normal. Maximum temperatures exceeded 16 °C at Athalassa and Larnaka Airport on 17 and 19 occasions respectively. At Prodromos they exceeded 7 °C on 15 occasions. Most stations recorded their highest maximum temperature during the period 27-28 of the month and their lowest minimum temperature on the 1st of the month and during the period 16-17 of the month.

Air frost was recorded on 1 occasion in inland areas, on 1 occasion in the coastal areas and on 15 occasions in the mountainous areas, while ground frost was recorded on 9 occasions in inland areas, on 6 occasions in the coastal areas and on 23 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 2017

PRELIMINARY DATA

FIVE DAY TEMPERATURES AND DEVIATIONS FROM NORMAL (°C)

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	15	-1	16	-1	16	0	6	0	0
6--10	18	2	19	2	19	2	10	4	3
11--15	13	-3	16	-1	17	-1	4	-3	-2
16--20	14	-2	15	-2	16	-1	5	-2	-2
21--25	19	3	19	2	19	1	9	2	2
26--28	21	4	20	3	22	4	14	6	4
MONTH	16	0	17	0	18	1	8	1	1

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	2	-2	4	-3	5	-3	-3	-2	-2
6--10	8	2	10	3	9	1	2	2	2
11--15	5	-1	7	-1	7	-2	-2	-3	-2
16--20	2	-3	5	-3	6	-3	-3	-4	-3
21--25	7	1	8	1	8	0	1	0	1
26--28	8	3	10	2	9	1	5	4	3
MONTH	5	0	7	0	7	-1	0	-1	-1

Normal Period for Temperature = 1981 - 2010

Table 2

EXTREME TEMPERATURES								
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS	
TEMPERATURE	(°C)	DATE	(°C)	DATE	(°C)	DATE	(°C)	DATE
HIGHEST MAXIMUM	21.7	28	21.2	28	26.6	28	15.6	27
LOWEST MINIMUM	-1.7	1	-0.1	1	1.2	17	-6.0	16