

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

15 April 2016

MONTHLY WEATHER REPORT

THE WEATHER IN FEBRUARY 2016

General Weather Conditions: In February the weather was extremely dry and hot for this season. Unstable weather conditions prevailed on the 1st of the month and during the periods 2-11, 20-22 and 27-28 of the month, giving rain, local thundery showers, hail and snow. The mean air temperature was approximately 3°C above normal and the area average precipitation was 25.2 mm i.e. 31% of normal.

Abnormal Weather conditions: During the period 16-20 of February extremely low temperature were recorded all around Cyprus.

Precipitation: According to preliminary estimates the area average precipitation in February was 25.2 mm i.e. 31% of normal. Monthly precipitation was below normal in all areas of Cyprus, generally ranging from 11% to 62% of normal. Hail and snow were recorded during the period 6-7 and on the 21st of the month.

The cumulative area average precipitation during the period October 2015 - February 2016 was about 206.5 mm, i.e. 55% of normal. Generally, the cumulative precipitation was below normal in all areas, ranging from 35% to 96% of normal.

Temperature: The mean air temperature of the month was approximately 3 °C above normal. Mean daily temperatures were below normal during the period 6-11, while during the remaining days they were around or above normal. Extremely high temperatures for the month were recorded during the period 15-20 of the month, when maximum and minimum temperatures were about 3 to 13°C above normal. Maximum temperatures exceeded 16 °C at Athalassa and Larnaka Airport on 25 and 27 occasions respectively. At Prodromos they exceeded 7 °C on 22 occasions. Most stations recorded their highest maximum temperature during the period 17-19 of the month and their lowest minimum temperature during the period 7-8 of the month.

Air frost was recorded on 7 occasions in the mountainous areas. Ground frost was recorded on 2 occasions in the inland plain areas and on 10 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 2016

FIVE-DAY TEMPERATURES AND DIFFERENCES FROM NORMAL (C)

Preliminary Data

Table 1

MEAN DAILY MAXIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DIF/NCE
DATES	ACTUAL	DIF/NCE	ACTUAL	DIF/NCE	ACTUAL	DIF/NCE	ACTUAL	DIF/NCE	
1--5	19	4	20	4	20	3	10	4	4
6--10	16	0	16	0	18	1	4	-2	0
11--15	20	4	19	2	20	3	11	5	3
16--20	26	10	24	7	23	6	18	11	9
21--25	20	4	19	2	20	3	11	4	3
26--28	24	6	23	5	22	3	15	6	5
MONTH	21	5	20	3	20	3	11	5	4

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DIF/NCE
DATES	ACTUAL	DIF/NCE	ACTUAL	DIF/NCE	ACTUAL	DIF/NCE	ACTUAL	DIF/NCE	
1--5	7	2	9	2	9	2	3	3	2
6--10	5	0	7	0	9	1	-2	-2	0
11--15	8	2	9	2	10	2	4	4	2
16--20	12	6	12	4	11	2	9	8	5
21--25	8	3	9	2	11	3	2	1	2
26--28	9	4	10	3	9	2	6	5	3
MONTH	8	3	9	2	10	2	4	3	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	27,8	19	26,2	17	25,2	29	19,2	18
LOWEST MINIMUM	1,9	8	5,1	8	5,9	7	-2,7	7,8