

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

8 February 2017

MONTHLY WEATHER REPORT

THE WEATHER IN JANUARY 2017

General Weather Conditions: In January the weather was relatively dry and cold. Unstable weather conditions prevailed during the periods 1-5, 7-10, 12-13, 19-22, 24-28 and 30-31 of the month, giving rain, local thunderstorms, hail and snow. The mean air temperature was around 1° C below normal and the area average precipitation was 76.7mm i.e. 75% of normal.

Abnormal weather conditions: On the 27th of the month, snowfall affected mountainous areas, semi-mountainous areas and some inland plain areas. Snow was also recorded in Pentadaktylos mountain.

During the period 27-28 of January extremely low temperatures were recorded all around Cyprus.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in January was 76.7mm i.e.75% of normal. Monthly precipitation was above or around normal in the northwest coastal areas, in the northwest part of Troodos mountain and in the southwest coastal areas. Monthly precipitation generally ranged between 40% and 125% of normal.

Snowfall was recorded during the periods 1-4 and 7-10 of the month and on the 12th, 27th and 30th of the month. Hail was recorded on the 10th and 27th of the month.

The cumulative area average precipitation during the period October 2016-January 2017 was about 291.8mm, i.e. 99% of normal. The cumulative precipitation was generally around normal almost in all areas, ranging between 75% and 135% of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was 1°C below normal. The mean daily temperatures were below normal during the periods 1-4, 8-10, 13-16, 21-22 and 27-31 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 27-31 of the month, when maximum and minimum temperatures were about 2 to 9° C below normal. Relatively high temperatures for the month were recorded on the 5th and 25th of the month, when maximum and minimum temperatures were about 1 to 4 °C above normal. Maximum temperatures exceeded 16° C at Athalassa and Larnaka Airport on 9 and 19 occasions respectively. At Prodromos they exceeded 6° C on 11 occasions. Most stations recorded their highest maximum temperature during the period 24-25 of the month and their lowest minimum temperature during the period 28-29 of the month.

Air frost was recorded on 1 occasion in inland areas, on 1 occasion in the coastal areas and on 20 occasions in the mountainous areas, while ground frost was recorded on 13 occasions in inland areas, on 9 occasions in the coastal areas and on 27 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.

JANUARY 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	-1	3	-4	-2
6--10	15	-1	16	-1	16	-1	2	-4	-2
11--15	15	-1	16	-1	17	0	6	0	0
16--20	17	1	18	1	18	1	7	1	1
21--25	16	1	17	1	17	1	7	1	1
26-31	11	-4	13	-3	14	-3	2	-4	-4
MONTH	15	-1	16	-1	16	-1	5	-2	-1

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	4	-2	6	-3	8	-2	-2	-3	-2
6--10	5	-1	6	-1	9	1	-2	-3	-1
11--15	4	-1	7	-1	8	0	-1	-2	-1
16--20	6	0	8	1	8	0	1	0	0
21--25	4	-1	7	0	8	0	-1	-1	-1
26-31	2	-2	4	-3	7	-2	-5	-6	-3
MONTH	4	-1	6	-1	8	0	-2	-2	-1

Normal Period For Temperature = 1981 - 2010

Table 2

EXTREME TEMPERATURES								
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS	
TEMPER.	(°C)	DATE	(°C)	DATE	(°C)	DATE	(°C)	DATE
HIGHEST MAXIMUM	18.8	25	19.2	25	19.3	18	10.2	24
LOWEST MINIMUM	-0.4	29	0.3	28	-0.3	29	-8.4	28