

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

8 March 2018

MONTHLY WEATHER REPORT

THE WEATHER IN JANUARY 2016

General Weather Conditions: In January the weather was relatively cold. Unstable weather conditions prevailed during the periods 1-14, 17-26 and 30-31 of the month, giving rain, local thunderstorms, hail and snow. The mean air temperature was around 0.5°C below normal and the area average precipitation was 82.2 mm i.e. 80% of normal.

Abnormal weather conditions: On the 1st of the month, during the dawn and during the morning hours, snowfall affected mountainous areas, semi-mountainous areas and some inland plain areas. On the first of the month snowfall was also recorded in Nicosia. On the 7th of the month, during the afternoon, near gale to gale wind affected mainly Paphos, Larnaca and Famagusta area. During the period 24-26 of January, snowfall was recorded in mountainous areas, semi-mountainous areas and in some inland plain areas. On the 25th of the month extremely low temperatures were recorded in all Cyprus areas.

Precipitation: According to preliminary estimates the area average precipitation in January was 82.2 mm i.e. 80% of normal. Monthly precipitation was above or around normal in the northwest coastal areas and in the northwest part of Troodos mountain. Monthly precipitation generally ranged between 37% and 137% of normal.

Snowfall was recorded on the 7th of the month and during the periods 1-3, 17-18 and 20-26 of the month. Hail was recorded on the 8th and 18th of the month.

The cumulative area average precipitation during the period October 2015-January 2016 was about 181.4 mm, i.e. 62% of normal. The cumulative precipitation generally was below or around normal almost in all areas, ranging between 38% and 137% of normal.

Temperature: The mean air temperature for the month was 0.5°C below normal. The mean daily temperatures were below normal during the periods 1-5, 18-21 and 24-28 of the month, while during the remaining days they were above or around normal. Extremely low temperatures for the month were recorded during the periods 1-4 and 24-27 of the month, when maximum and minimum temperatures were about 2 to 11°C below normal. Relatively high temperatures for the month were recorded on the 6th and 13th of the month, when maximum and minimum temperatures were about 1 to 7 °C above normal. Maximum temperatures exceeded 16 °C at Athalassa and Larnaka Airport on 15 and 19 occasions respectively. At Prodromos they exceeded 6 °C on 15 occasions. Most stations recorded their highest maximum temperature on the 6th of the month and their lowest minimum temperature during the period 25-27 of the month.

Air frost was recorded on 4 occasions in inland areas and 16 occasions in the mountainous areas, while ground frost was recorded on 9 occasions in inland areas, on 7 occasions in the coastal areas and on 21 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 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	11	-5	13	-5	15	-2	2	-5	-4
6--10	18	3	19	2	19	2	9	2	2
11--15	18	3	18	2	19	2	9	3	2
16--20	16	0	17	1	18	1	6	0	0
21--25	13	-2	14	-3	14	-2	2	-4	-3
26-31	15	-1	15	-2	16	-1	5	-2	-1
MONTH	15	0	16	-1	17	0	5	-1	-1

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	3	-3	5	-3	8	-1	-4	-5	-3
6--10	8	3	11	3	12	4	2	1	3
11--15	7	2	10	2	12	4	2	1	2
16--20	7	2	9	1	10	2	-1	-2	1
21--25	4	-1	6	-2	7	-1	-3	-4	-2
26-31	2	-2	4	-3	6	-2	-4	-4	-3
MONTH	5	0	7	0	9	1	-1	-2	0

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	22.2	6	20.7	6	21.5	6, 17	10.7	12
LOWEST MINIMUM	-2.0	27	0.6	2	0.9	25	-9.7	26