

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

15 February 2019

MONTHLY WEATHER REPORT

THE WEATHER IN JANUARY 2019

General Weather Conditions: In January the weather was extremely wet. Unstable weather conditions prevailed during the periods 1-10 and 12-16, on the 19th and during the periods 22-24 and 26-31 of the month, giving rain, local thunderstorms, hail and snowfall over mountains. The mean air temperature was around normal and the area average precipitation was 197.3mm i.e. 193% of normal.

Severe Weather conditions: During the period 2-8 of the month, severe rainfall with hail and strong winds caused difficulties almost in all areas of Cyprus. On the 2nd of the month, a thunderbolt in Larnaka caused difficulties in electricity supply. During the period 15-16 of the month severe rainfall were recorded in all areas of Cyprus, resulting in the flooding of many areas. On the 15th of the month, gale to strong gale winds affected west and south coasts and caused damages.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in January was 197.3mm i.e.193% of normal. Monthly precipitation was above normal almost in all areas. Monthly precipitation generally ranged between 99% (Xylotymvou) and 254% (Omodos) of normal.

Snowfall was recorded during the periods 1-8 (Troodos, Amiantos, Kyperounta, Prodromos, Pedoulas, Platres, Platania, Agros, Palaichori, Kampos) and 13-16 (Troodos, Prodromos, Pedoulas, Amiantos, Palaichori, Kyperounta), on the 19th (Troodos), on the 23rd (Troodos) and on the 27th (Troodos) and during the period 30-31 (Troodos, Amiantos) of the month.

Hail was recorded during the period 1-2 (Kyperounta, Agros, Amiantos, Palaichori), on the 5th (Pano Panagia, Agios Theodoros), during the period 7-8 (Pano Panagia, Agios Theodoros, Meniko, Agios Ioannis), on the 13th (Tseri), on the 16th (Omodos, Agios Mamas), on the 22nd (Agros), and on the period 30-31 (Athienou, Kaminaria, Pedoulas, Troodos, Kyperounta, Palaichori, Tseri, Kellaki) of the month.

The cumulative area average precipitation during the period October 2018-January 2019 was about 481.5mm, i.e. 164% of normal. The cumulative precipitation was above normal in all areas, ranging between 118% (Dipotamos) and 240% (Acheleia) of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was around normal. The mean daily temperatures were below normal on the 2nd, during the period 6-9, on the 12th, during the period 16-17 and on the 20th of the month, while during the remaining days they were above or around normal. Maximum temperatures exceeded 16°C at Athalassa and Larnaka Airport on 20 and 25 occasions respectively. At Prodromos they exceeded 6°C on 14 occasions. Most stations recorded their highest maximum temperature on the 11th and 26th of the month and their lowest minimum temperature during the period 9-10 of the month.

Air frost was recorded on 14 occasions in the mountainous areas and on 1 occasion in inland areas, while ground frost was recorded on 10 occasions in inland areas, on 1 occasion in coastal areas and on 27 occasions in the mountainous areas.

The 5-day averages of air temperature and their deviations from normal at various places are shown in Table 1 and the extreme temperatures are shown in Table 2.

JANUARY 2019

FIVE - DAY TEMPERATURES AND DEVIATIONS FROM NORMAL (° C)

PRELIMINARY DATA

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	17	2	18	1	18	0	4	-3	0
6--10	14	-2	15	-2	15	-2	3	-4	-2
11--15	17	1	17	0	17	0	8	1	1
16--20	16	0	16	0	16	-1	6	0	0
21--25	18	3	18	2	19	2	9	4	3
26-31	19	4	19	2	18	1	6	0	2
MONTH	17	1	17	1	17	0	6	0	0

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	7	1	10	2	10	1	1	-1	1
6--10	3	-3	6	-2	7	-1	-4	-5	-3
11--15	5	0	8	1	9	1	0	-1	0
16--20	4	-1	7	0	8	0	-2	-2	-1
21--25	5	0	9	2	9	1	1	1	1
26-31	6	1	9	2	11	3	1	1	2
MONTH	5	0	8	1	9	1	-1	-1	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	20.5	26	20.2	26	20.4	26	13.4	11
LOWEST MINIMUM	-0.2	10	3.1	10	5.3	18	-5.6	9