

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

28 February 2020

MONTHLY WEATHER REPORT

THE WEATHER IN JANUARY 2020

General Weather Conditions: In January the weather was extremely wet. Unstable weather conditions prevailed during the periods 1-9, 12-21, 23-25 and 28-31 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 166.7mm i.e. 163% of normal.

Severe Weather conditions: On the 2nd of the month, severe rainfall caused difficulties in Limassol. On the 6th and 7th of the month, severe rainfall with hail and gale winds affected almost all areas of Cyprus causing damages to properties. On the 16th and 17th of the month, near gale to gale winds affected east and south coasts causing damages.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in January was 166.7mm i.e.163% of normal. Monthly precipitation was above normal in all areas. Monthly precipitation generally ranged between 115% (Marina Larnakas) and 251% (Doros) of normal.

Snowfall was recorded during the periods 1-4 (Troodos, Kyperounta, Prodromos), 6-9 (Troodos, Prodromos, Amiantos, Kyperounta, Agros, Platania), 16-20 (Troodos, Prodromos, Kyperounta, Agros, Agios Theodoros, Omodos), 23-24 (Troodos, Prodromos, Kyperounta, Agros, Agios Theodoros, Pedoulas, Palaichori, Sait tas, Stavros Psokas) and 28-30 (Troodos) of the month.

Hail was recorded , on the 3rd (Kyperounta), during the period 6-7 (Troodos, Kyperounta, Agros, Palaichori, Kellaki, Agios Theodoros), on the 16th (Kellaki), on the 20th (Agios Theodoros) and on the 23rd (Makedonitissa, Palaioметоcho) of the month.

The cumulative area average precipitation during the period October 2019-January 2020 was about 451.1mm, i.e. 153% of normal. The cumulative precipitation was above normal in all areas, ranging between 114% (Paphos Airport) and 193% (Polemida) of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was around normal. The mean daily temperatures were below normal during the periods 2-3, 7-8 and 17-22, on the 24th and on the 31st 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 18 and 20 occasions respectively. At Prodromos they exceeded 6°C on 11 occasions. Most stations recorded their highest maximum temperature on the 13th and during the period 26-30 of the month and their lowest minimum temperature during the period 24-25 of the month.

Air frost was recorded on 19 occasions in the mountainous areas and on 1 occasion in inland areas, while ground frost was recorded on 6 occasions in inland areas, on 3 occasions in coastal areas and on 25 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 2020

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	16	0	16	-1	17	-1	5	-2	-1
6--10	16	0	17	0	17	0	4	-3	-1
11--15	18	2	18	1	18	1	9	2	1
16--20	14	-1	15	-1	17	0	5	-2	-1
21--25	15	0	16	-1	16	-1	5	-1	-1
26-31	18	3	18	1	17	0	8	2	2
MONTH	16	1	17	0	17	0	6	-1	0

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	6	0	9	1	9	0	0	-2	0
6--10	6	1	9	2	10	2	-1	-2	1
11--15	6	0	8	1	9	1	0	-1	0
16--20	7	2	10	3	9	1	0	-1	1
21--25	3	-2	5	-2	5	-3	-4	-4	-3
26-31	6	1	8	1	9	1	0	0	1
MONTH	6	0	8	1	9	0	-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	0.0	0	0.0	0	0.0	0	0.0	0
LOWEST MINIMUM	0.0	0	0.0	0	0.0	0	0.0	0