

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

16 February 2022

MONTHLY WEATHER REPORT

THE WEATHER IN JANUARY 2022

General Weather Conditions: In January the weather was wet and relatively cold. Unstable weather conditions prevailed during the whole month, except for the 3rd, 7th, 8th and 16th of the month, giving rain, local thunderstorms, gale winds, hail and snowfall over mountainous and semi-mountainous areas. The mean air temperature was about 0.5°C below normal and the area average precipitation was 162.8mm i.e. 159% of normal.

Severe Weather conditions: On the 10th, 18th and 23rd of the month, heavy rain and gale winds affected almost all areas of Cyprus causing damages to properties. Heavy and prolong precipitation, hail, frost and snow over the mountainous and semi-mountainous areas caused damages in properties, plantations and crops mainly over the mountainous, semi-mountainous areas and in Ammochostos district.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in January was 162.8mm i.e. 159% of normal. Monthly precipitation was above or around normal in most areas. Monthly precipitation generally varied between 104% (Kiti) and 242% (Pachna) of normal.

Snowfall was recorded during the periods 9-11 (Troodos, Kellaki, Ag. Theodoros Agrou, Gourri), 17-19 (Troodos, Kaminaria, Kalopanagiotis, Galata, Platania, Kellaki, Saittas, Prodromos, Amiantos, Ag. Theodoros Agrou, Agros), on the 21st (Troodos, Kaminaria), during the period 22-26 (Troodos, Kaminaria, Kalopanagiotis, Galata, Platania, Kourris, Kellaki, Saittas, Prodromos, Amiantos, Ag. Theodoros Agrou, Agros, Stroumbi) and during the period 28-31 (Troodos, Ag. Theodoros Agrou) of the month. On the 18th and 26th of the month snowfall was extended to the semi-mountainous areas (Drousia, Stroumbi).

Hail was recorded, on the 9th (Troodos, Kellaki, Ag. Theodoros Agrou), 10th and 12th (Kellaki) and on the 22nd (Kellaki, Kaminaria) of the month.

The cumulative area average precipitation during the period October 2021-January 2022 was about 398.1mm, i.e. 135% of normal. The cumulative precipitation was above normal in all areas, varying between 110% (Palaichori) and 201% (Kato Drys) of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was about 0.5°C below normal. The mean daily temperatures were below normal on the 10th and during the periods 13-14, 16-20 and 23-31 of the month, whereas rest of the days mean daily temperatures were above or around normal. Maximum temperatures exceeded 16°C at Athalassa and Larnaka Airport in 14 and 16 occasions respectively. At Prodromos they exceeded 6°C in 13 occasions. Most stations recorded their highest maximum temperature during the period 6-7 and on the 9th of the month and their lowest minimum temperature on 20th of the month.

Air frost was recorded in 19 occasions over the mountainous areas and in 6 occasion inland, whereas ground frost was recorded in 21 occasions over the mountainous areas, 12 occasions inland and 8 occasions in coastal 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 2022

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	19	3	20	2	19	2	9	2	2
6--10	19	3	20	3	19	2	9	2	3
11--15	16	1	18	1	18	0	5	-2	0
16--20	12	-3	13	-4	13	-4	3	-3	-3
21--25	13	-2	14	-2	14	-3	3	-3	-3
26-31	13	-2	14	-2	14	-2	5	-1	-2
MONTH	15	0	16	0	16	-1	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	10	1	11	2	2	0	1
6--10	9	3	13	5	12	3	2	1	3
11--15	7	1	11	4	11	3	0	-1	2
16--20	2	-3	5	-3	6	-2	-6	-7	-4
21--25	1	-4	5	-3	8	0	-4	-4	-3
26-31	2	-3	5	-2	7	-1	-4	-4	-3
MONTH	4	-1	8	0	9	1	-2	-3	-1

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	21.4	7	20.9	6	20.7	1	11.4	9
LOWEST MINIMUM	-1.3	20	1.3	20	1.5	20	-8.6	20