

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

18 February 2021

MONTHLY WEATHER REPORT

THE WEATHER IN JANUARY 2021

General Weather Conditions: In January the weather was wet and relatively warm. Unstable weather conditions prevailed during the period 13-21, on the 25th and during the period 27-30 of the month, giving rain, local thunderstorms, gale winds, hail and snowfall over mountains. The mean air temperature was about 2.5°C above normal and the area average precipitation was 117.5mm i.e. 115% of normal.

Severe Weather conditions: On the 16th of the month, severe rainfall caused difficulties in Limassol. On 30th of the month, severe rainfall and gale winds affected almost all areas of Cyprus causing damages to properties. On the 30th of the month, a tornado in the area of Pervolia village caused serious damages to homes and infrastructure. On the 30th of the month, a tornado in the area of Parekklesia village caused damages to homes and plantations.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in January was 117.5mm i.e.115% of normal. Monthly precipitation was above or around normal in most areas. Monthly precipitation generally ranged between 69% (Drinia) and 154% (Kellaki, Agios Mamas) of normal.

Snowfall was recorded during the periods 13-14 (Troodos), 17-19 (Troodos, Prodromos, Kyperounta, Amiantos, Agros, Platania, Platres) and 27-29 (Troodos, Prodromos, Amiantos, Kyperounta, Agros, Platania) of the month.

Hail was recorded, on the 13th, 16th and 30th of the month.

The cumulative area average precipitation during the period October 2010-January 2021 was about 250.8mm, i.e. 85% of normal. The cumulative precipitation was below normal in most areas, ranging between 57% (Drinia) and 120% (Avdelero) of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was about 2.5°C above normal. The mean daily temperatures were below normal on the 17th and during the periods 19-20 and 28-29 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 23 and 27 occasions respectively. At Prodromos they exceeded 6°C on 22 occasions. The daily maximum temperature of 19.7°C, recorded in Prodromos on the 11th of January, was the highest for the specific station and the specific month since 1958. Most stations recorded their highest maximum temperature on the 7th and during the period 11-12 of the month and their lowest minimum temperature on 21st of the month.

Air frost was recorded on 11 occasions in the mountainous areas and on 1 occasion in inland areas, while ground frost was recorded on 6 occasions in inland areas, on 2 occasions in coastal areas and on 15 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 2021

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	21	5	22	4	22	5	13	6	5
6--10	22	6	22	5	22	5	16	10	6
11--15	21	5	21	4	20	3	11	4	4
16--20	15	-1	16	-1	16	-1	4	-3	-1
21--25	17	2	17	1	18	1	9	3	2
26-31	17	2	18	2	18	1	8	2	2
MONTH	19	3	19	2	20	2	10	4	3

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

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	22.7	12	22.2	7	23.4	12	19.7	11	
LOWEST MINIMUM	-0.7	21	2.4	21	3.9	21	-4.7	21	