

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

15 October 2021

MONTHLY WEATHER REPORT

THE WEATHER IN SEPTEMBER 2021

General Weather Conditions: In September the weather was relatively wet and hot. Unstable weather conditions occurred during the periods 14-16, 22-23 and 29-30 of the month, giving local showers and isolated thunderstorms, mainly inland and over mountains. The mean air temperature was about 1°C above normal and the area average precipitation was 7.1mm i.e. 158% of normal.

Severe Weather conditions: On the 16th of the month, severe rainfall caused difficulties in the area of Lympia – Kornos. On the 23rd of the month, near gale to gale westerly to northwesterly winds affected mainly the area of Nicosia causing damages to properties.

Precipitation (normal period: 1961-1990): According to preliminary estimates, the area average precipitation in September was about 7.1mm i.e. 156% of normal. The mean rainfall ranged from 0% to 1656% (Lythrodontas) of normal.

The cumulative area average precipitation during the period October 2020-September 2021 was about 347.6mm, i.e. 69% of normal. The cumulative precipitation was below normal in all areas of Cyprus, ranging from 48% (Xylotymvou) to 90% (Lythrodontas) of normal.

Temperature (normal period: 1981-2010): The mean air temperature of the month was about 1°C above normal. The mean daily temperatures were below normal on the 10th and during the periods 14-18 and 23-25 of the month, while during the remaining days they were above or around normal. Maximum temperatures exceeded 34°C in Athalassa on 17 occasions, 31°C in Larnaka Airport on 23 occasions and in Prodromos they exceeded 24°C on 24 occasions. Most stations recorded their highest maximum temperature during the period 1-3 and on the 20th of the month and their lowest minimum temperature during the period 24-25 and on the 28th of the month.

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.

SEPTEMBER 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	37	2	34	2	32	2	29	2	2
6--10	35	1	33	1	31	1	26	1	1
11--15	34	0	31	0	30	1	26	1	1
16--20	34	0	32	1	30	1	26	1	1
21--25	32	0	31	1	29	1	26	2	1
26--30	33	1	31	1	29	1	26	3	1
MONTH	34	1	32	1	30	1	26	2	1

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	22	2	23	2	23	3	16	-1	2
6--10	21	2	23	3	23	3	15	-1	2
11--15	18	-1	21	1	22	2	13	-2	0
16--20	18	-1	21	1	21	2	14	-2	0
21--25	18	0	21	2	21	2	13	-1	0
26--30	18	0	19	1	19	1	13	-1	0
MONTH	19	0	21	2	21	2	14	-1	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	37.9	20	35.4	3	32.0	1, 3	30.8	1
LOWEST MINIMUM	16.2	25	18.3	28	18.5	25, 26, 28	8.6	24