

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

9 October 2019

MONTHLY WEATHER REPORT

THE WEATHER IN SEPTEMBER 2019

General Weather Conditions: In September the weather was wet and relatively hot. Unstable weather conditions occurred on the 6th, during the periods 8-11 and 14-16 and on the 22nd the month, giving local showers and isolated thunderstorms. The mean air temperature was about 1°C above normal and the area average precipitation was 9.9mm i.e. 220% of normal.

Severe Weather conditions: On the 15th of the month, severe rainfall resulted in floods in the area of Larnaka. On the 15th of the month tornado affected the areas of Troulloi and Kellia.

Precipitation (normal period: 1961-1990): According to preliminary estimates, the area average precipitation in September was about 9.9mm i.e. 220% of normal. The mean rainfall ranged from 0% to 1367% (Kalavassos) of normal.

The cumulative area average precipitation during the period October 2018-September 2019 was about 785.4mm, i.e. 156% of normal. The cumulative precipitation was above normal in all areas of Cyprus, ranging from 136% (Drouseia) to 188% (Kalavassos) 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 during the period 15-16 and on the 22nd of the month, while during the rest of the month they were above or around normal. Maximum temperatures exceeded 34°C in Athalassa on 23 occasions, 31°C in Larnaka Airport on 22 occasions and in Prodromos they exceeded 24°C on 28 occasions. Most stations recorded their highest maximum temperature during the period 1-2 of the month and their lowest minimum temperature during the period 23-24 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 2019

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

PROVISIONAL 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	33	1	31	1	28	2	1
6--10	37	3	33	2	30	1	28	3	2
11--15	35	1	32	1	30	1	26	1	1
16--20	35	2	32	1	30	1	27	2	1
21--25	33	1	30	0	29	0	25	2	1
26--30	35	3	31	1	29	1	27	4	2
MONTH	35	2	32	1	30	1	27	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	21	1	16	-1	1
6--10	21	2	23	3	22	2	16	1	2
11--15	21	2	22	2	20	1	15	0	1
16--20	19	0	21	1	19	0	14	-1	0
21--25	17	-1	20	1	19	0	13	-1	0
26--30	19	1	21	3	20	2	13	0	1
MONTH	20	1	22	2	20	1	14	0	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	38.3	2	34.6	1	31.3	16	31.5	2
LOWEST MINIMUM	14.8	24	19.0	24	17.6	20	10.6	23