

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

17 October 2017

MONTHLY WEATHER REPORT

THE WEATHER IN SEPTEMBER 2017

General Weather Conditions: In September the weather was extremely dry and relatively hot. Unstable weather conditions occurred on the 1st, on the 19th, on the 21st and during the period 29-30 of the month, giving local showers and isolated thunderstorms, mainly inland and over mountains. The mean air temperature was about 1.5°C above normal and the area average precipitation was 0.3mm i.e. 7% of normal.

Severe Weather conditions: During the month, no severe weather condition was recorded or reported.

Precipitation (normal period: 1961-1990): According to preliminary estimates, the area average precipitation in September was about 0.3mm i.e. 7% of normal. The mean rainfall was below normal in most areas, ranging from 0% to 414% of normal.

The cumulative area average precipitation during the period October 2016-September 2017 was about 412.5mm, i.e. 82% of normal. Generally the cumulative precipitation was below normal almost in all areas, ranging from 61% to 116% of normal.

Temperature (normal period: 1981-2010): The mean air temperature of the month was about 1.5°C above normal. The mean daily temperatures were below normal on the 18th, during the period 22-24, on the 26th and 30th of the month, while during the rest of the month they were above or around normal. Relatively high temperatures were recorded during the periods 2-5 and 9-15 and on the 21st of the month, when daily maximum temperatures were up to 8°C above normal. Maximum temperatures exceeded 34°C in Athalassa on 20 occasions, 31°C in Larnaka Airport on 16 occasions and in Prodromos they exceeded 24°C on 23 occasions. Most stations recorded their highest maximum temperature on the 4th and during the period 12-13 of the month and their lowest minimum temperature on the 23rd and 30th 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 2017

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	38	3	34	2	31	2	30	3	2
6--10	36	2	33	1	31	2	29	3	2
11--15	38	4	32	1	31	2	32	7	3
16--20	35	1	31	0	30	1	27	2	1
21--25	33	1	31	0	29	1	25	2	1
26--30	33	0	30	0	28	0	23	-1	0
MONTH	35	2	32	1	30	1	27	3	2

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	23	3	23	2	20	0	18	1	1
6--10	20	1	21	1	19	-1	15	0	0
11--15	20	1	22	1	19	0	20	5	2
16--20	21	2	22	3	21	2	16	1	2
21--25	19	1	21	2	22	3	13	-1	1
26--30	17	0	20	1	19	1	12	-2	0
MONTH	20	1	21	2	20	1	16	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	39.9	12	35.3	4	32.6	8	32.8	13
LOWEST MINIMUM	16.4	30	16.9	23	16.3	10	10.0	23