

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

27 October 2016

MONTHLY WEATHER REPORT

THE WEATHER IN SEPTEMBER 2016

General Weather Conditions: In September the weather was relatively wet. Unstable weather conditions occurred during the periods 2-6, 13-16 and 20-23 of the month, giving local rain, isolated thunderstorms and hail in some areas. The mean air temperature was about 0.5°C above normal and the area average precipitation was 7.5mm i.e. 167% 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 7.5mm i.e. 167% of normal. The mean rainfall was above normal in mountainous and semi-mountainous areas and in some inland areas, ranging from 0% to 1842% of normal.

Hail was recorded on the 20th of the month in Palaichori area.

The cumulative area average precipitation during the period October 2015-September 2016 was about 308.5mm, i.e. 61% of normal. Generally the cumulative precipitation was below normal in all areas of Cyprus, ranging from 46% to 83% of normal.

Temperature (normal period: 1981-2010): The mean air temperature of the month was about 0.5°C above normal. The mean daily temperatures were around normal during the larger part of the month. Relatively high temperatures were recorded during the period 8-11 of the month, when daily maximum temperatures were up to 4°C above normal. Relatively low temperatures were recorded during the periods 4-5 and 23-25 of the month. When daily minimum temperature were up to 6 °C below normal. Maximum temperatures exceeded 34°C in Athalassa on 12 occasions, 31°C in Larnaka Airport on 22 occasions and in Prodromos they exceeded 24°C on 14 occasions. Most stations recorded their highest maximum temperature during the period 9-11 of the month and their lowest minimum temperature during the period 24-25 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 2016

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	35	0	32	0	31	1	24	-2	0
6--10	36	2	32	1	31	1	26	1	1
11--15	34	0	32	1	29	0	26	1	0
16--20	34	1	32	1	30	1	25	0	1
21--25	30	-3	30	0	29	1	20	-4	-1
26--30	31	-1	29	-1	29	1	22	-2	-1
MONTH	33	0	31	0	30	1	24	-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	22	2	23	2	23	2	14	-2	1
6--10	21	2	22	2	20	1	16	0	1
11--15	21	2	22	2	22	2	14	-1	1
16--20	21	2	22	2	19	1	14	-1	1
21--25	19	1	19	0	22	3	10	-4	0
26--30	18	1	19	1	18	-1	11	-3	-1
MONTH	20	1	21	1	21	1	13	-2	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	37.8	10	33.9	2	32.0	2	28.8	11
LOWEST MINIMUM	15.7	25	17.7	25	17.4	25,29&30	7.7	24