

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

5 July 2019

MONTHLY WEATHER REPORT

THE WEATHER IN JUNE 2019

General Weather Conditions: The weather in June was relatively wet and hot. Unstable weather conditions occurred during the periods 4-5, 8-9, 11-23 and 29-30 of the month, giving showers, local thunderstorms and hail in many areas. The mean temperature in June was approximately 1.5°C above normal and the area average precipitation was 19.5mm i.e. 325% of normal.

Severe Weather conditions: On the 12th of the month severe rainfall with hail in Kyperounta area caused damages to crops. On the 13th of the month severe rainfall with hail affected the area of Saittas. On the 14th of the month tornado affected the areas of Tseri and Archangelos. On the 16th of the month severe rainfall with hail and tornado affected the area of Strovolos causing damages to properties. On the 17th of month severe rainfall with hail in Limassol area caused floods. During the periods 23-28 of June extremely high temperatures were recorded all around Cyprus.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in June was 19.5mm i.e. 325% of normal. Monthly precipitation ranged from 0% (Mavrokolympos) to 1252% (Evretou) of normal.

Hail was recorded during the periods 12-13 (Kyperounta, Lythrodontas, Saittas, Agros, Troodos) and 15-17 (Troodos, Agros, Strovolos, Platania, Prodromos, Amiantos) of the month.

The cumulative area average precipitation during the period October 2018-June 2019 was about 763.7mm, i.e. 155% of normal. The cumulative precipitation was above normal in all areas, ranging from 137% (Drouseia) to 185% (Athalassa) of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was about 1.5°C above normal. Mean daily temperatures were below normal on the 4th during the periods 12-13 and 16-19, on the 21st and on the 30th of the month, while during the rest of the month they were above or around normal. Extremely high temperatures were recorded during the period 23-28 of the month, when maximum temperatures were about 3°C to 7°C above normal. Heat wave conditions (maximum daily temperature above 40°C) prevailed during the period 24-27 of the month. Maximum temperatures exceeded 32°C at Athalassa and Larnaka Airport on 29 and 10 occasions, respectively. At Prodromos they exceeded 24°C on 22 occasions. Most stations recorded their highest maximum temperature during the period 25-26 of the month and their lowest minimum temperature during the period 7-8 and on the 13th 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.

JUNE 2019

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	3	31	3	29	3	28	6	4
6--10	35	2	31	1	28	1	27	3	2
11--15	34	0	30	0	28	1	24	0	0
16--20	34	-1	31	0	29	1	23	-2	0
21--25	38	3	33	2	30	2	27	1	2
26--30	39	3	34	2	31	2	30	3	2
MONTH	36	2	31	1	29	2	27	2	2

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	20	3	22	5	18	2	16	4	3
6--10	18	-1	21	2	16	-1	15	1	0
11--15	20	0	20	1	19	1	13	-2	0
16--20	19	-1	22	2	21	3	13	-3	0
21--25	22	2	23	3	18	2	16	-1	1
26--30	22	1	24	3	20	1	18	2	2
MONTH	20	1	22	2	19	1	15	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	42.1	25	35.9	26	32.0	30	31.9	26
LOWEST MINIMUM	15.5	7	17.0	8	13.5	7	11.7	13