

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

6 July 2018

MONTHLY WEATHER REPORT

THE WEATHER IN JUNE 2018

General Weather Conditions: The weather in June was relatively wet. Unstable weather conditions prevailed during the periods 1-5, 11-15, 17-19 and on the 25th of the month, giving showers, local thunderstorms and hail in many areas. The mean temperature in June was approximately 0.5°C above normal and the area average precipitation was 24.6mm i.e. 410% of normal.

Severe Weather conditions: On the 2nd of the month severe rainfall in Peristerona-Akaki area caused floods. On the 4th of the month severe hailfall affected the area of Troodos. On the 12th of the month severe rainfall with hail and tornado affected the area of Meniko-Kokkinotrimithia. On the 13th of the month severe rainfall with hail and strong winds affected the area of Geri.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in June was 24.6mm i.e. 410% of normal. Monthly precipitation ranged from 0% (Xylotymvou-Frenaros) to 3400% (Mavrokolympos) of normal.

Hail was recorded during the periods 3-4 (Strovolos, Saitas, Agros, Troodos, Amiantos, etc) and 12-14 (Meniko, Kokkinotrimithia, Geri and Kalopanagiotis) of the month.

The cumulative area average precipitation during the period October 2017-June 2018 was about 427.7mm, i.e. 87% of normal. Generally, the cumulative precipitation was below normal almost in all areas, ranging from 66% (Xylotymvou) to 115% (Meniko) of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was about 0.5°C above normal. Mean daily temperatures were below normal during the periods 1-2, 11-12, 17-23, on the 26th and during the period 28-30 of the month, while during the rest of the month they were above or around normal. Relatively high temperatures were recorded during the period 7-10 of the month, when maximum temperatures were about 4 to 8°C above normal. Heat wave conditions (maximum daily temperature above 40°C) prevailed during the period 8-9 of the month. Maximum temperatures exceeded 32°C at Athalassa and Larnaka Airport on 26 and 7 occasions, respectively. At Prodromos they exceeded 24°C on 17 occasions. Most stations recorded their highest maximum temperature during the period 8-9 of the month and their lowest minimum temperature on the 1st and during the period 4-7 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 2018
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	32	0	29	0	28	2	21	-2	0
6--10	38	5	34	4	30	3	29	5	4
11--15	34	0	30	0	29	1	25	0	0
16--20	33	-1	30	-1	29	1	23	-2	-1
21--25	34	-1	32	0	29	1	25	-1	0
26--30	34	-1	32	0	30	1	27	0	0
MONTH	34	0	31	1	29	1	25	0	1

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	18	1	19	2	19	3	9	-4	0
6--10	21	3	21	2	18	0	16	2	2
11--15	21	2	22	2	21	3	14	-1	1
16--20	20	0	20	1	22	3	12	-3	0
21--25	21	0	21	1	21	3	13	-3	0
26--30	21	0	22	1	21	2	14	-3	0
MONTH	20	1	21	1	20	2	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	40.8	8	34.9	9	31.7	16	31.7	9,27	
LOWEST MINIMUM	16.8	1	18.4	6	17.2	7, 9	5.7	4	