

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

**3 August 2016**

**MONTHLY WEATHER REPORT**

**THE WEATHER IN JULY 2016**

**General Weather Conditions:** During July the weather was relatively warm and dry. Unstable weather conditions prevailed on the 5<sup>th</sup>, on the 23<sup>rd</sup>, and on the 31<sup>st</sup> of the month, giving local rain and isolated thunderstorms in some areas. The mean temperature in July was approximately 1°C above normal and the area average precipitation was 1.4mm i.e. 54% of normal.

**Abnormal weather Conditions:** During the month, no abnormal weather condition was recorded or reported.

**Precipitation:** According to preliminary estimates the area average precipitation in July was 1.4mm i.e. 54% of normal. Monthly precipitation was below normal in most areas, generally ranging from 0% to 479% of normal.

The cumulative area average precipitation during the period October 2015-July 2016 was about 300.9mm, i.e. 61% of normal. The cumulative precipitation was below normal in all areas, ranging from 46% to 80% of normal.

**Temperature:** The mean air temperature for the month was about 1°C above normal. Mean daily temperatures were below or around normal on the 8<sup>th</sup> of the month and during the period 19-23 of the month, while during the rest of the month they were above normal. Relatively high temperatures were recorded during the period 24-31 of the month, when maximum and minimum temperatures were up to 5°C above normal. Heat wave conditions (maximum daily temperature above 40°C) prevailed on the 29<sup>th</sup> of the month. Maximum temperatures exceeded 37°C at Athalassa on 25 occasions, exceeded 32 °C at Larnaka on 26 occasions and at Prodromos they exceeded 28°C on 21 occasions. Most Stations recorded their highest maximum temperature during the period 29-30 of the month and their lowest minimum temperature during the period 16-22 of the month.

The 5-day averages of air temperature and their differences from normal at various places are shown in Table 1 and the extreme temperatures are shown in Table 2.

JULY 2016

FIVE-DAY TEMPERATURES AND DIFFERENCES FROM NORMAL ( C )

Preliminary Data

Table 1

MEAN DAILY MAXIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DIF/NCE
DATES	ACTUAL	DIF/NCE	ACTUAL	DIF/NCE	ACTUAL	DIF/NCE	ACTUAL	DIF/NCE	
1--5	38	2	33	1	31	1	29	1	1
6--10	38	1	33	1	32	2	28	1	1
11--15	38	1	35	3	32	2	31	3	2
16--20	37	0	33	0	31	1	29	1	1
21--25	37	0	33	0	32	2	28	-1	0
26-31	39	2	34	1	32	1	31	3	2
<b>MONTH</b>	<b>38</b>	<b>1</b>	<b>34</b>	<b>1</b>	<b>32</b>	<b>2</b>	<b>29</b>	<b>1</b>	<b>1</b>

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DIF/NCE
DATES	ACTUAL	DIF/NCE	ACTUAL	DIF/NCE	ACTUAL	DIF/NCE	ACTUAL	DIF/NCE	
1--5	24	3	23	2	22	2	18	0	2
6--10	24	2	23	2	22	1	17	-1	1
11--15	23	2	23	2	21	1	19	1	1
16--20	22	0	23	1	22	1	19	1	1
21--25	24	1	24	2	23	1	16	-3	0
26-31	24	1	23	1	21	0	20	1	1
<b>MONTH</b>	<b>24</b>	<b>2</b>	<b>23</b>	<b>1</b>	<b>22</b>	<b>1</b>	<b>18</b>	<b>0</b>	<b>1</b>

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	40.4	29	36.6	14	33.3	25	33.6	30
LOWEST MINIMUM	21.3	18	21.3	1	19.9	1	12.8	22