

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

15 January 2018

**MONTHLY WEATHER REPORT**

**THE WEATHER IN DECEMBER 2017**

**General Weather Conditions:** In December the weather was dry and relatively warm. Unstable weather conditions prevailed during the period 5-6, on the 8<sup>th</sup> and during the periods 14-16, 18-19, 23-27 and 29-31 of the month, giving rain, local thundery showers, hail and snow over mountainous areas. The mean air temperature was about 2.0°C above normal and the area average precipitation was 35.2mm i.e. 33% of normal.

**Abnormal weather conditions:** No abnormal weather condition was recorded or reported during the month.

**Precipitation (normal period: 1961-1990):** According to preliminary estimates the area average precipitation in December was 35.2mm i.e. 33% of normal. Monthly precipitation was below normal in all areas, generally ranging between 8% (Frenaros) and 49% (Athalassa) of normal.

Hail was recorded on the 5<sup>th</sup> (Aglandjia and Archangelos) and 24<sup>th</sup> (Kellaki) of the month and snowfall was recorded during the period 5-6, on the 24<sup>th</sup> and during the period 30-31 of the month.

The cumulative area average precipitation during the period October-December 2017 was about 129.2mm, i.e. 67% of normal. Generally, the cumulative precipitation was below normal in most areas ranging between 33% (Kapouras) and 109% (Kornos) of normal.

**Temperature (normal period: 1981-2010):** The mean air temperature for the month was about 2.0°C above normal. Mean daily temperatures were below normal during the period 6-7 of the month, while during the rest of the days the mean daily temperatures were above or around normal. Extremely high temperatures were recorded during the periods 3-5, 11-12, 14-18, 20-21, on the 23<sup>rd</sup> and during the period 26-30 of the month, when maximum temperatures over the inland areas were 4-6°C above normal. Maximum temperatures exceeded 19°C at Athalassa and Larnaka Airport on 25 and 22 occasions, respectively. At Prodromos they exceeded 9°C on 25 occasions. Most stations recorded their highest maximum temperature during the period 2-5 of the month and their lowest minimum temperature during the period 7-8 and on the 25<sup>th</sup> of the month.

Air frost was recorded on 5 occasions over the mountainous areas. Ground frost was recorded on 3 occasions over the inland areas and on 9 occasions over the mountainous areas.

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.

DECEMBER 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	22	4	21	1	21	1	16	6	3
6--10	17	-1	18	-2	18	-2	8	-1	-2
11--15	22	4	21	3	21	2	15	7	4
16--20	21	5	21	3	21	3	13	5	4
21--25	19	3	19	2	21	3	12	5	3
26--31	20	4	20	2	20	2	10	2	3
<b>MONTH</b>	<b>20</b>	<b>3</b>	<b>20</b>	<b>1</b>	<b>20</b>	<b>1</b>	<b>12</b>	<b>4</b>	<b>2</b>

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	8	0	12	2	11	0	6	2	1
6--10	6	-2	8	-2	9	-3	-1	-4	-3
11--15	8	1	10	1	11	0	5	2	1
16--20	11	4	13	4	13	3	5	3	4
21--25	10	4	12	3	13	3	3	1	3
26--31	7	0	10	1	11	1	3	1	1
<b>MONTH</b>	<b>8</b>	<b>1</b>	<b>11</b>	<b>2</b>	<b>11</b>	<b>1</b>	<b>3</b>	<b>1</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	22.9	3, 5	21.9	2, 13, 15	22.5	2, 22	20.7	3
LOWEST MINIMUM	3.3	8	6.1	25	5.3	7	-3.4	7