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

7 February 2018

MONTHLY WEATHER REPORT

THE WEATHER IN JANUARY 2018

General Weather Conditions: In January the weather was wet and relatively warm. Unstable weather conditions prevailed during the periods 2-5, 12-14, 16-18 and 21-27 of the month, giving rain, local thunderstorms, hail and snowfall over mountains. The mean air temperature was around 1.5°C above normal and the area average precipitation was 143.3mm i.e. 140% of normal.

Abnormal weather conditions: On the 13th of the month, a thunderbolt in Paphos caused difficulties in electricity supply. On the 18th of the month near gale to gale winds caused damages all over Cyprus. During the period 23-25 of the month severe rainfall and strong winds were recorded in Nicosia, in Limassol and in Paphos, resulting in the flooding of many areas.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in January was 143.3mm i.e.140% of normal. Monthly precipitation was above normal almost in all areas. Monthly precipitation generally ranged between 94% (Athienou) and 191% (Avdimou) of normal.

Snowfall was recorded during the periods 4-5 and 13-14, on the 16th, 18th and 22nd and during the period 24-25 of the month. Hail was recorded on the 13th, 18th and 27th of the month.

The cumulative area average precipitation during the period October 2017-January 2018 was about 272.5mm, i.e. 93% of normal. The cumulative precipitation was above normal mainly over Northwest areas and over some inland areas, ranging between 67% (Panagia Bridge) and 135% (Kornos) of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was 1.5°C above normal. The mean daily temperatures were below normal only on the 19th and 25th of the month, while during the remaining days they were above or around normal. Extremely high temperatures for the month were recorded during the period 7-13 of the month, when maximum and minimum temperatures were about 2 to 9° C above normal. Maximum temperatures exceeded 16°C at Athalassa as well as at Larnaka Airport on 28 occasions. At Prodromos they exceeded 6°C on 22 occasions. Most stations recorded their highest maximum temperature on the 2nd and during the period 7-11 of the month and their lowest minimum temperature during the period 19-20 of the month.

Air frost was recorded on 10 occasions in the mountainous areas, while ground frost was recorded on 4 occasions in inland areas and on 20 occasions in 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.

JANUARY 2018

FIVE - DAY TEMPERATURES AND DEVIATIONS FROM NORMAL (^{o} C)

PROVISIONAL 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	18	3	19	2	19	1	7	0	1
6--10	20	4	20	3	19	2	13	6	4
11--15	19	4	19	2	19	2	10	4	3
16--20	18	3	18	1	17	0	7	0	1
21--25	17	2	18	1	17	1	6	1	1
26-31	18	3	17	0	18	1	9	2	1
MONTH	**18**	**3**	**18**	**2**	**18**	**1**	**9**	**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	8	1	9	1	11	1	1	0	1
6--10	8	2	9	2	10	1	4	3	2
11--15	8	3	10	2	10	2	2	1	2
16--20	6	0	8	0	9	1	-1	-1	0
21--25	7	2	10	3	11	4	0	0	2
26-31	4	0	7	0	7	-1	-1	-1	-1
MONTH	**7**	**1**	**9**	**1**	**10**	**1**	**1**	**0**	1

Normal Period For Temperature = 1981 - 2010

Table 2

EXTREME TEMPERATURES								
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS	
TEMPERAT.	(^{o} C)	DATE	(^{o} C)	DATE	(^{o} C)	DATE	(^{o} C)	DATE
HIGHEST MAXIMUM	21.5	7	21.1	2	20.2	11	15.5	9
LOWEST MINIMUM	2.6	20	5.6	20	5.3	20	-3.2	19