

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

12 March 2020

MONTHLY WEATHER REPORT

THE WEATHER IN FEBRUARY 2020

General Weather Conditions: In February the weather was relatively dry. Unstable weather conditions prevailed during the periods 3-8 and 11-13, on the 15th and during the periods 17-24 and 28-29 of the month, giving rain, local thundery showers, hail and snowfall over mountainous and semi-mountainous areas. The mean air temperature was about 0.5°C above normal, while the area average precipitation was 69.0mm i.e. 85% of normal.

Severe Weather conditions: On the 7th of the month, a tornado in the area of Agia Fyla caused serious damages to homes. On the 8th of the month, near gale to gale winds affected mainly the west and north coasts causing damages. During the period 8-12 of the month, extremely low temperatures were recorded in all areas of Cyprus causing damages to plantations. On the 29th of the month, severe rainfall with near gale winds and hail affected the area of Paphos causing difficulties. On the 29th of the month, a tornado in the area of Episkopi Paphou caused serious damages to homes

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in February was 69.0mm i.e. 85% of normal. Monthly precipitation was below normal mainly in inland and coastal areas, generally ranging from 32% (Pera Chorio) to 175% (Frenaros) of normal.

Snowfall was recorded during the period 6-8 (Troodos, Amiantos, Prodomos, Kyperounta, Agros, Agios Theodoros, Platres, Platania, Stavrovouni), on the 11th (Troodos, Prodomos, Amiantos, Kyperounta, Agros, Agios Theodoros, Platres), on the 18th (Troodos), on the 21st (Troodos) on the 23rd (Troodos) and on 29th (Troodos, Amiantos, Prodomos, Kyperounta, Agios Theodoros) of the month.

Hail was recorded on the 17th (Saittas) on the 23rd (Kyperounta) on the 28th (Kyperounta) and on the 29th (Drymou) of the month.

The cumulative area average precipitation during the period October 2019 - February 2020 was about 520.2mm, i.e. 138% of normal. Generally, the cumulative precipitation was above normal in all areas, ranging from 101% (Paphos Airport) to 172% (Kalopanagiotis) of normal.

Temperature (normal period: 1981-2010): The mean air temperature of the month was about 0.5°C above normal. Mean daily temperatures were below normal during the period 8-14 and on the 19th of the month, while during the remaining days they were around or above normal. Extremely low temperatures were recorded during the period 8-12 of the month, when maximum and minimum temperatures were 3-9°C below normal. Maximum temperatures exceeded 16°C at Athalassa and Larnaka Airport on 21 and 22 occasions respectively. At Prodomos they exceeded 7°C on 15 occasions. Most stations recorded their highest maximum temperature on the 6th and during the period 24-28 of the month and their lowest minimum temperature during the period 9-10 of the month.

Air frost was recorded on 13 occasions in the mountainous areas and on 2 occasions in inland areas, while ground frost was recorded on 8 occasions in inland areas, on 4 occasions in coastal areas and on 23 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.

FEBRUARY 2020

FIVE DAYS 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	19	4	19	3	18	2	9	3	3
6--10	14	-1	15	-2	14	-2	3	-3	-2
11--15	13	-3	14	-3	17	0	6	0	-2
16--20	18	2	18	1	19	1	7	1	1
21--25	19	3	19	2	17	0	8	1	1
26--29	21	4	19	2	19	2	11	5	3
MONTH	17	1	17	0	17	0	7	1	1

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	5	1	8	2	10	2	1	1	2
6--10	5	0	7	0	8	0	-5	-5	-1
11--15	6	1	9	1	10	1	0	0	1
16--20	7	1	10	2	9	1	0	0	1
21--25	7	2	10	3	10	2	-1	-1	2
26--29	8	2	10	2	12	2	1	1	2
MONTH	6	1	9	2	10	1	0	-1	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	22.2	6	22.2	25	20.0	28	15.6	26	
LOWEST MINIMUM	-1.4	10	0.6	10	1.8	9	-9.4	9	