

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

10 May 2019

MONTHLY WEATHER REPORT

THE WEATHER IN APRIL 2019

General Weather Conditions: In April the weather was relatively wet and cold. Unstable weather conditions prevailed during the periods 1-7, 10-12, 15-20, 26-27 and on the 29th of the month, giving local rain, isolated thunderstorms, snowfall over mountains and hail over some areas. The mean air temperature was about 1°C below normal and the area average precipitation was 36.7mm i.e. 123% of normal.

Severe Weather conditions: On the 4th of April, severe thunderstorms affected the area of Nicosia caused difficulties. On the 19th of the month, severe hailfall in the area of Larnaka caused damages to crops. On the 20th of the month, severe snowfall was recorded over mountains.

Precipitation (normal period: 1961-1990): According to preliminary estimates, the area average precipitation in April was 36.7mm i.e. 123% of normal. Monthly precipitation was above normal in most areas, generally ranging from 38% (Mavrokolympos) to 313% (Dipotamos) of normal.

Snowfall was recorded on the 16th (Troodos) and during the period 18-21 (Troodos, Prodromos, Pedoulas, Amiantos, Agros, Polystypos, Agios Theodoros Agrou) of the month.

Hail was recorded during the period 17-20 (Larnaka Airport, Agros, Athienou, Kellaki, Troodos, Tseri, Mazotos, Polystypos) of the month.

The cumulative area average precipitation during the period October 2018 - April 2019 was about 740.2mm, i.e. 158% of normal. The cumulative precipitation was above normal in all areas, generally ranging from 127% (Pomos) to 202% (Athalassa) of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was about 1°C below normal. Mean daily temperatures were below normal during the periods 1-3, 6-7, 10-11 and 15-23 of the month, while during the rest of the month they were above normal. Extremely low temperatures for the month were recorded during the period 19-21 of the month, when maximum temperatures were about 4 to 10°C below normal. Maximum temperatures exceeded 23°C at Athalassa and Larnaka Airport on 15 and 8 occasions, respectively. At Prodromos they exceeded 15°C on 13 occasions. Most stations recorded their highest maximum temperature during the period 29-30 of the month and their lowest minimum temperature on 10th and during the period 20-21 of the month.

Air frost was recorded on 1 occasion in the mountainous areas, while ground frost was recorded on 7 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.

APRIL 2019

FIVE-DAY TEMPERATURES AND DEVIATIONS FROM NORMAL (°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 | 22 | -1 | 20 | -1 | 20 | 0 | 9 | -4 | -1 |
| 6--10 | 23 | 0 | 22 | 0 | 21 | 1 | 13 | -1 | 0 |
| 11--15 | 25 | 0 | 23 | 0 | 21 | -1 | 14 | -2 | -1 |
| 16--20 | 21 | -3 | 21 | -2 | 20 | -1 | 12 | -4 | -3 |
| 21--25 | 24 | -1 | 22 | -2 | 21 | -1 | 14 | -2 | -2 |
| 26--30 | 30 | 3 | 26 | 2 | 24 | 2 | 20 | 3 | 2 |
| MONTH | 24 | 0 | 22 | 0 | 21 | 0 | 14 | -2 | -1 |

| 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 | 10 | 0 | 10 | 0 | 2 | -3 | -1 |
| 6--10 | 9 | -1 | 11 | 1 | 13 | 2 | 5 | -1 | 0 |
| 11--15 | 9 | -1 | 12 | 0 | 14 | 2 | 5 | -2 | 0 |
| 16--20 | 9 | -2 | 10 | -2 | 10 | -2 | 2 | -5 | -3 |
| 21--25 | 9 | -2 | 11 | -2 | 10 | -2 | 3 | -4 | -3 |
| 26--30 | 13 | 2 | 15 | 2 | 14 | 1 | 10 | 2 | 2 |
| MONTH | 10 | -1 | 12 | 0 | 12 | 0 | 4 | -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 | 32.1 | 29 | 29.4 | 30 | 25.9 | 30 | 22.6 | 30 |
| LOWEST MINIMUM | 6.1 | 10 | 7.3 | 20 | 7.7 | 21 | -3.1 | 21 |