

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

14 November 2019

MONTHLY WEATHER REPORT

THE WEATHER IN OCTOBER 2019

General Weather Conditions: In October, the weather was wet and warm. Unstable weather conditions occurred on the 8th and during the period 14-29 of the month, giving heavy showers, local thunderstorms and hail over several areas. The mean air temperature for the month was around 2°C above normal, while the area average precipitation was 61.3mm i.e. 187% of normal.

Severe Weather conditions: On the 17th of the month, tornado affected the area of Lakatamia. On the 20th of the month, severe rainfall with hail and strong winds affected the areas of Nicosia, Limassol and Famagusta causing damages to properties. On the 23rd of the month, severe rainfall with hail and strong winds affected the areas of Nicosia, Limassol and Larnaka causing difficulties. On the 24th of the month, severe rainfall with strong winds and tornado affected the area of Limassol causing damages to properties. On the 27th of the month, severe rainfall with hail of large size and near gale winds affected the area of Nicosia causing great damages to properties. On the 27th of the month, waterspout was observed in the sea area of Limassol.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in October was 61.3mm i.e. 187% of normal. Monthly precipitation was above normal in several areas, mainly inland and over mountains, generally ranging from 34% (Pegeia) to 542% (Germasogeia) of normal.

Hail was recorded on the 16th (Klirou), on the 20th (Kellaki, Nicosia, Frenaros) during the period 22-24 (Episkopi, Akaki, Saittas, Kellaki, Agros) and on the 27th (Strovolos, Aglantzia) of the month.

Temperature (normal period: 1981-2010): The mean air temperature for the month was around 2°C above normal. Mean daily temperatures were below normal on the 6th, during the period 22-25 and on the 28th of the month, while during the rest of the days the mean daily temperatures were above or around normal. Extremely high temperatures for the month were recorded during the periods 1-2, 10-17 and 26-27 of the month, when maximum temperatures were about 4°C to 7°C above normal. Maximum temperatures exceeded 28°C at Athalassa on 23 occasions, 28°C at Larnaka Airport on 24 occasions and at Prodromos they exceeded 19°C on 21 occasions. Most stations recorded their highest maximum temperature on the 1st and during the period 10-14 of the month and their lowest minimum temperature during the period 27-28 of the month.

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.

OCTOBER 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 | 34 | 3 | 30 | 1 | 28 | 1 | 26 | 5 | 2 |
| 6--10 | 32 | 2 | 30 | 1 | 28 | 1 | 24 | 3 | 1 |
| 11--15 | 35 | 5 | 33 | 4 | 32 | 5 | 25 | 5 | 5 |
| 16--20 | 32 | 4 | 30 | 2 | 29 | 2 | 23 | 5 | 3 |
| 21--25 | 27 | 0 | 27 | 0 | 28 | 2 | 16 | -2 | 0 |
| 26--31 | 27 | 2 | 27 | 1 | 26 | 2 | 17 | 1 | 1 |
| MONTH | 31 | 2 | 30 | 2 | 29 | 2 | 22 | 3 | 2 |

| MEAN DAILY MINIMUM | | | | | | | | | |
|---------------------------|------------------|-------------|------------------------|-------------|----------------------|-------------|------------------|-------------|------------------|
| STATION | ATHALASSA | | LARNAKA AIRPORT | | PAFOS AIRPORT | | PRODROMOS | | MEAN DEV. |
| DATES | ACTUAL | DEV. | ACTUAL | DEV. | ACTUAL | DEV. | ACTUAL | DEV. | |
| 1--5 | 17 | 0 | 20 | 2 | 18 | 0 | 13 | 0 | 1 |
| 6--10 | 17 | 1 | 20 | 2 | 19 | 2 | 11 | -1 | 1 |
| 11--15 | 19 | 3 | 22 | 5 | 20 | 3 | 16 | 4 | 4 |
| 16--20 | 18 | 2 | 21 | 4 | 19 | 2 | 12 | 1 | 2 |
| 21--25 | 16 | 1 | 19 | 3 | 18 | 2 | 9 | -1 | 1 |
| 26--31 | 14 | 0 | 17 | 2 | 17 | 2 | 8 | -1 | 1 |
| MONTH | 17 | 1 | 20 | 3 | 18 | 2 | 11 | 0 | 2 |

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 | 35.5 | 1 | 34.4 | 12 | 35.6 | 14 | 27.6 | 10 |
| LOWEST MINIMUM | 11.8 | 27 | 15.0 | 29 | 15.1 | 29 | 6.4 | 29 |