

MINISTRY OF AGRICULTURE,
RURAL DEVELOPMENT AND ENVIRONMENT
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5 April 2017

MONTHLY WEATHER REPORT

THE WEATHER IN MARCH 2017

General Weather Conditions: In March the weather was mild. Unstable weather conditions prevailed during the periods 1-3 and 9-16, on the 20th, during the period 22-23, on the 29th and 31st of the month, giving rain, local thunderstorms, hail and slight snowfall over Troodos mountains. The mean air temperature was approximately 1° C above normal and the area average precipitation was 57.8mm or 93% of normal.

Abnormal Weather Conditions: On the 12th of the month, severe thunderstorms with hail affected the area of Cyprus (mainly northwest part of the island).

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in March was 57,8mm i.e. 93% of normal. Monthly precipitation was above normal in the northwest and southwest areas, while in the other areas it was around or below normal, generally ranging from 57% to 157% of normal.

Hail was recorded during the periods 11-12 and 15-16, on the 20th and 31st of the month. Snow fell during the period 2-3, on the 10th and 16th of the month.

The cumulative area average precipitation during the period October 2016–March 2017 was about 368.3mm, i.e. 84% of normal. The cumulative precipitation was below normal almost in all areas, ranging from 55% to 110% of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was approximately 1° C above normal. Mean daily temperatures were below normal on the 3rd, during the period 11-18, on the 22nd and 31st of the month, while during the rest of the month they were above or around normal. Maximum temperatures exceeded 19° C at Athalassa and Larnaka Airport on 21 and 24 occasions respectively. At Prodromos they exceeded 10° C on 18 occasions. Most stations recorded their highest maximum temperature on the 25th or on the 30th of the month and their lowest minimum temperature during the period 17-20 of the month.

Air frost and ground frost were recorded only in the mountainous areas on 7 and 16 occasions respectively.

The 5-day averages of air temperature and their differences from normal at various places are shown in Table 1 and the extreme temperatures are shown in Table 2.

MARCH 2017

FIVE DAYS TEMPERATURES AND DEVIATIONS FROM NORMAL (°C)

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 | 20 | 2 | 20 | 2 | 20 | 1 | 10 | 0 | 1 |
| 6--10 | 22 | 4 | 21 | 3 | 21 | 3 | 13 | 4 | 3 |
| 11--15 | 17 | -1 | 19 | 0 | 19 | 1 | 6 | -3 | -1 |
| 16--20 | 18 | -1 | 19 | 0 | 18 | 0 | 9 | -1 | -1 |
| 21--25 | 22 | 2 | 21 | 1 | 20 | 1 | 14 | 3 | 2 |
| 26-31 | 23 | 2 | 21 | 1 | 21 | 2 | 13 | 0 | 1 |
| MONTH | 21 | 1 | 20 | 1 | 20 | 1 | 11 | 0 | 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 | 1 | 9 | 1 | 1 | -1 | 0 |
| 6--10 | 9 | 2 | 10 | 2 | 9 | 1 | 4 | 2 | 2 |
| 11--15 | 9 | 2 | 9 | 1 | 12 | 4 | 1 | -1 | 1 |
| 16--20 | 6 | -1 | 7 | -1 | 8 | 0 | 0 | -3 | -1 |
| 21--25 | 9 | 2 | 10 | 1 | 9 | 0 | 5 | 2 | 1 |
| 26-31 | 10 | 2 | 11 | 2 | 11 | 1 | 5 | 1 | 2 |
| MONTH | 9 | 2 | 10 | 1 | 10 | 1 | | 0 | 1 |

Table 2

| EXTREME TEMPERATURES | | | | | | | | |
|----------------------|-----------|------|-----------------|------|---------------|------|-----------|------|
| STATION | ATHALASSA | | LARNAKA AIRPORT | | PAFOS AIRPORT | | PRODROMOS | |
| TEMPERAT. | (°C) | DATE | (°C) | DATE | (°C) | DATE | (°C) | DATE |
| HIGHEST MAXIMUM | 25.4 | 25 | 23.7 | 1 | 25.6 | 30 | 15.9 | 25 |
| LOWEST MINIMUM | 5.1 | 17 | 6.3 | 15 | 5.9 | 25 | -1.7 | 19 |

Normal Period for Temperature = 1981 - 2010