

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

21 September 2016

MONTHLY WEATHER REPORT

THE WEATHER IN AUGUST 2016

General Weather Conditions: In August the weather was relatively warm and dry. Unstable weather conditions prevailed on the 7th, on the 14th and on 17th of the month, giving local showers and isolated thunderstorms over some areas. The mean air temperature was about 1° C above normal and the area average precipitation was 1.0mm i.e. 34% of normal.

Abnormal weather Conditions: No abnormal weather condition was recorded or reported during the month.

Precipitation: According to preliminary estimates, the area average precipitation in August was 1.0mm i.e. 34% of normal. Monthly precipitation was below normal in most areas, generally ranging from 0% to 230% of normal.

The cumulative area average precipitation during the period October 2015 - August 2016 was about 301.1mm, i.e. 60% of normal. The cumulative precipitation was below normal in all areas, generally ranging from 45% to 87% of normal.

Temperature: The mean air temperature for the month was about 1° C above normal. Mean daily temperatures were below normal during the periods 16-17 and 27-31 of the month, while during the rest of the month they were above or around normal. Relatively high temperatures were recorded during the periods 1-3 and 8-9 of the month, when maximum and minimum temperatures were about 2 to 5° C above normal. Maximum temperatures exceeded 37°C at Athalassa on 21 occasions, 33° C at Larnaka Airport on 15 occasions and at Prodromos they exceeded 27°C on 25 occasions. Most stations recorded their highest maximum temperature during the period 5-9 of the month and their lowest minimum temperature during the period 18-20 or during the period 28-30 of the month.

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.

AUGUST 2016

FIVE-DAY TEMPERATURES AND DIFFERENCES FROM NORMAL (C)

Preliminary Data

Table 1

| MEAN DAILY MAXIMUM | | | | | | | | | |
|--------------------|-----------|----------|-----------------|----------|---------------|----------|-----------|----------|--------------|
| STATION | ATHALASSA | | LARNAKA AIRPORT | | PAFOS AIRPORT | | PRODROMOS | | MEAN DIF/NCE |
| DATES | ACTUAL | DIF/NCE | ACTUAL | DIF/NCE | ACTUAL | DIF/NCE | ACTUAL | DIF/NCE | |
| 1--5 | 40 | 2 | 35 | 1 | 32 | 1 | 30 | 2 | 2 |
| 6--10 | 39 | 2 | 35 | 2 | 32 | 1 | 30 | 1 | 1 |
| 11--15 | 38 | 1 | 33 | 0 | 32 | 2 | 29 | 0 | 1 |
| 16--20 | 38 | 1 | 33 | 0 | 32 | 1 | 28 | 0 | 0 |
| 21--25 | 38 | 1 | 34 | 1 | 32 | 1 | 29 | 1 | 1 |
| 26-31 | 35 | -1 | 32 | 0 | 31 | 1 | 27 | 0 | 0 |
| MONTH | 38 | 1 | 33 | 1 | 32 | 1 | 29 | 1 | 1 |

| MEAN DAILY MINIMUM | | | | | | | | | |
|--------------------|-----------|----------|-----------------|----------|---------------|----------|-----------|-----------|--------------|
| STATION | ATHALASSA | | LARNAKA AIRPORT | | PAFOS AIRPORT | | PRODROMOS | | MEAN DIF/NCE |
| DATES | ACTUAL | DIF/NCE | ACTUAL | DIF/NCE | ACTUAL | DIF/NCE | ACTUAL | DIF/NCE | |
| 1--5 | 24 | 1 | 24 | 2 | 22 | 0 | 20 | 1 | 1 |
| 6--10 | 25 | 3 | 24 | 1 | 24 | 3 | 19 | 1 | 2 |
| 11--15 | 24 | 2 | 24 | 2 | 23 | 2 | 18 | -1 | 1 |
| 16--20 | 22 | 0 | 22 | 0 | 22 | 0 | 17 | -2 | 0 |
| 21--25 | 22 | 0 | 22 | 0 | 21 | 0 | 17 | -1 | 0 |
| 26-31 | 22 | 1 | 24 | 2 | 22 | 2 | 15 | -2 | 1 |
| MONTH | 23 | 1 | 24 | 1 | 22 | 1 | 18 | -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 | 40,4 | 8 | 36,5 | 9 | 33,1 | 7 | 31,3 | 5 |
| LOWEST MINIMUM | 20,6 | 20 | 21,3 | 18 | 20,5 | 30 | 13,3 | 28 |