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CY-1418 NICOSIA

18 March 2019

MONTHLY WEATHER REPORT

THE WEATHER IN FEBRUARY 2019

General Weather Conditions: In February the weather was extremely wet and relatively warm for this season. Unstable weather conditions prevailed during the periods 5-10, 12-17 and 19-28 of the month, giving rain, local thundery showers, snowfall over mountains and hail. The mean air temperature was about 1.5°C above normal, while the area average precipitation was 139.3mm i.e. 171% of normal.

Severe Weather conditions: On the 6th of the month, severe rainfall with strong winds caused difficulties almost in all areas of Cyprus. During the period 14-16 of the month, severe rainfall with strong winds and hail affected almost all areas of Cyprus, resulting in the flooding of many areas. On the 26th of the month, severe rainfall caused difficulties almost in all areas of Cyprus.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in February was 139.3mm i.e. 171% of normal. Monthly precipitation was above normal in all areas, generally ranging from 111% (Limni) to 337% (Xylotymvou) of normal.

Snowfall was recorded during the periods 7-8 (Troodos, Amiantos, Prodromos), 13-16 (Troodos, Prodromos, Amiantos, Kyperounta), 21-24 (Troodos, Amiantos, Prodromos) and 26-28 (Troodos, Amiantos, Prodromos, Pedoulas, Platres, Kyperounta, Agros, Palaichori,) of the month. Hail was recorded during the periods 13-14 (Athienou, Larnaka, Kofinou) and 21-24 (Kyperounta, Agios Theodoros, Kellaki, Troodos) and on the 28th (Zygi) of the month.

The cumulative area average precipitation during the period October 2018 - February 2019 was about 620.8mm, i.e. 165% of normal. Generally, the cumulative precipitation was above normal in all areas, ranging from 134% (Limni) to 205% (Athienou) of normal.

Temperature (normal period: 1981-2010): The mean air temperature of the month was about 1.5°C above normal. Mean daily temperatures were below normal on the 6th, during the period 15-16 and on the 28th of the month, while during the remaining days they were around or above normal. Maximum temperatures exceeded 16°C at Athalassa and Larnaka Airport on 24 and 25 occasions respectively. At Prodromos they exceeded 7°C on 20 occasions. Most stations recorded their highest maximum temperature on the 5th and 26th of the month and their lowest minimum temperature on the 23rd and 28th of the month.

Air frost was recorded on 11 occasions in the mountainous areas, while ground frost was recorded on 4 occasions in inland areas and on 24 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 2019

FIVE DAYS 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 | 19 | 4 | 19 | 3 | 20 | 4 | 11 | 5 | 4 |
| 6--10 | 16 | 1 | 18 | 1 | 18 | 1 | 7 | 1 | 1 |
| 11--15 | 17 | 1 | 18 | 0 | 17 | 0 | 7 | 0 | 0 |
| 16--20 | 18 | 1 | 18 | 1 | 17 | 0 | 9 | 3 | 1 |
| 21--25 | 19 | 3 | 19 | 2 | 19 | 2 | 9 | 2 | 2 |
| 26--28 | 18 | 1 | 19 | 1 | 18 | 0 | 5 | -4 | 0 |
| MONTH | 18 | 2 | 18 | 1 | 18 | 1 | 8 | 2 | 2 |

| MEAN DAILY MINIMUM | | | | | | | | | |
|--------------------|-----------|----------|-----------------|----------|---------------|----------|-----------|----------|-----------|
| STATION | ATHALASSA | | LARNAKA AIRPORT | | PAFOS AIRPORT | | PRODROMOS | | MEAN DEV. |
| DATES | ACTUAL | DEV. | ACTUAL | DEV. | ACTUAL | DEV. | ACTUAL | DEV. | |
| 1--5 | 6 | 1 | 10 | 3 | 10 | 3 | 3 | 3 | 2 |
| 6--10 | 8 | 3 | 10 | 3 | 11 | 3 | 1 | 1 | 3 |
| 11--15 | 7 | 1 | 9 | 2 | 9 | 1 | 0 | -1 | 1 |
| 16--20 | 8 | 2 | 8 | 1 | 8 | 0 | 0 | -1 | 0 |
| 21--25 | 6 | 0 | 9 | 2 | 9 | 1 | 1 | 0 | 1 |
| 26--28 | 8 | 3 | 12 | 4 | 12 | 4 | 0 | -2 | 2 |
| MONTH | 7 | 2 | 9 | 2 | 10 | 2 | 1 | 0 | 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 | 21.9 | 26 | 20.8 | 26 | 24.6 | 5 | 12.8 | 19 | |
| LOWEST MINIMUM | 3.5 | 23 | 6.0 | 12 | 6.7 | 17 | -3.4 | 28 | |