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MINISTRY OF AGRICULTURE,
NATURAL RESOURCES AND ENVIRONMENT
METEOROLOGICAL SERVICE
CY-1418 NICOSIA

6 June 2003

MONTHLY WEATHER REPORT

THE WEATHER IN MAY 2003

General Weather Conditions: In May the weather was mainly warm and dry, except for the last week when the weather was relatively cool and rainy. Unstable weather conditions prevailed during the periods 24-26 and 28-31 of the month giving rain, hail and thundery showers. The mean air temperature for the month was about 3,5 °C above normal, while the area average precipitation was below normal.

Abnormal Weather Conditions: Exceptionally warm weather occurred during the first 3 weeks of the month when maximum and minimum temperatures were on the average 3 to 9 °C above normal. During the said period maximum temperatures in Nicosia exceeded 35°C on 13 occasions. At the same time maximum temperatures at Larnaka Airport exceeded 30 °C on 16 occasions.

Heavy rains accompanied by severe thunderstorms and hail occurred on the 31st of the month, causing floods in Nicosia and Athienou and damages to properties. The amounts of precipitation which were recorded in Nicosia and Athienou, were 66.5 and 73.0 mm, respectively. These amounts exceed 3 and 4 times the normal values for the whole month in the said areas, respectively.

Precipitation: According to preliminary estimates the area average precipitation in May was about 12 mm, i.e. 59% of normal. Precipitation was above normal in isolated parts of the central Mesaoria plain. However, precipitation was well below normal in the other parts of the island and ranged between 0 and 70% of normal. Hail was recorded in various locations on the last day of the month.

The cumulative area average precipitation during the period October-May was about 547 mm i.e. 112% of normal. The cumulative precipitation was slightly above normal in most areas and ranged mainly between 100 and 165% of normal.

Temperature: The mean air temperature for the month was about 3,5 °C above normal. Mean daily temperatures were well above normal during the first 3 weeks of the month. Most stations recorded their highest maximum temperature during the period 10-13 of the month and their lowest minimum temperature either on the 1st or on the 27th 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.

MAY

2003

FIVE-DAY TEMPERATURES AND DIFFERENCES FROM NORMAL (C)

(Preliminary Data)

| M E A N M A X I M U M | | | | | | | | | |
|-----------------------|----------|---------|-------------|---------|-----------|---------|-----------|---------|---------|
| STATION | LEFKOSIA | | LARNAKA A/P | | PAFOS A/P | | PRODROMOS | | |
| DATES | ACTUAL | DIF/NCE | ACTUAL | DIF/NCE | ACTUAL | DIF/NCE | ACTUAL | DIF/NCE | DIF/NCE |
| 1- 5 | 33 | 6 | 32 | 7 | 28 | 4 | 23 | 6 | 6 |
| 6-10 | 35 | 7 | 32 | 6 | 28 | 4 | 25 | 7 | 6 |
| 11-15 | 37 | 9 | 33 | 7 | 29 | 5 | 26 | 7 | 7 |
| 16-20 | 36 | 6 | 29 | 3 | 27 | 3 | 24 | 5 | 4 |
| 21-25 | 31 | 1 | 27 | 0 | 26 | 1 | 22 | 2 | 1 |
| 26-31 | 29 | -2 | 27 | -2 | 27 | 2 | 19 | -2 | -1 |
| MONTH | 33 | 4 | 30 | 3 | 27 | 3 | 23 | 4 | 4 |

| M E A N M I N I M U M | | | | | | | | | |
|-----------------------|----------|---------|-------------|---------|-----------|---------|-----------|---------|---------|
| STATION | LEFKOSIA | | LARNAKA A/P | | PAFOS A/P | | PRODROMOS | | MEAN |
| DATES | ACTUAL | DIF/NCE | ACTUAL | DIF/NCE | ACTUAL | DIF/NCE | ACTUAL | DIF/NCE | DIF/NCE |
| 1- 5 | 13 | 0 | 17 | 4 | 15 | 3 | 14 | 5 | 3 |
| 6-10 | 16 | 3 | 18 | 5 | 15 | 2 | 15 | 5 | 4 |
| 11-15 | 17 | 3 | 20 | 5 | 18 | 4 | 17 | 7 | 5 |
| 16-20 | 18 | 3 | 18 | 3 | 16 | 1 | 16 | 5 | 3 |
| 21-25 | 17 | 2 | 17 | 1 | 16 | 1 | 12 | 0 | 1 |
| 26-31 | 17 | 1 | 17 | 1 | 18 | 2 | 10 | -3 | 0 |
| MONTH | 16 | 2 | 18 | 3 | 17 | 2 | 14 | 3 | 3 |

Table No. 1

| STATION | E X T R E M E T E M P E R A T U R E S | | | | | | | | |
|--------------------|---------------------------------------|----|-------------|----|-----------|----|-----------|----|------|
| | LEFKOSIA | | LARNAKA A/P | | PAFOS A/P | | PRODROMOS | | |
| | TEMPERATURE | C | DATE | C | DATE | C | DATE | C | DATE |
| HIGHEST MAXIMUM | 38.9 | 12 | 35.1 | 13 | 34.7 | 10 | 27.2 | 13 | |
| LOWEST MINIMUM | 11.4 | 1 | 13.1 | 1 | 11.6 | 1 | 8.5 | 27 | |

Table No. 2