

## Monthly Climatological Bulletin

### May 2020 in Tunisia

**May 2020 is the second hottest month and The third least rain for May since 1970**

May 2020 was characterized by relatively high temperatures and less rainfall.

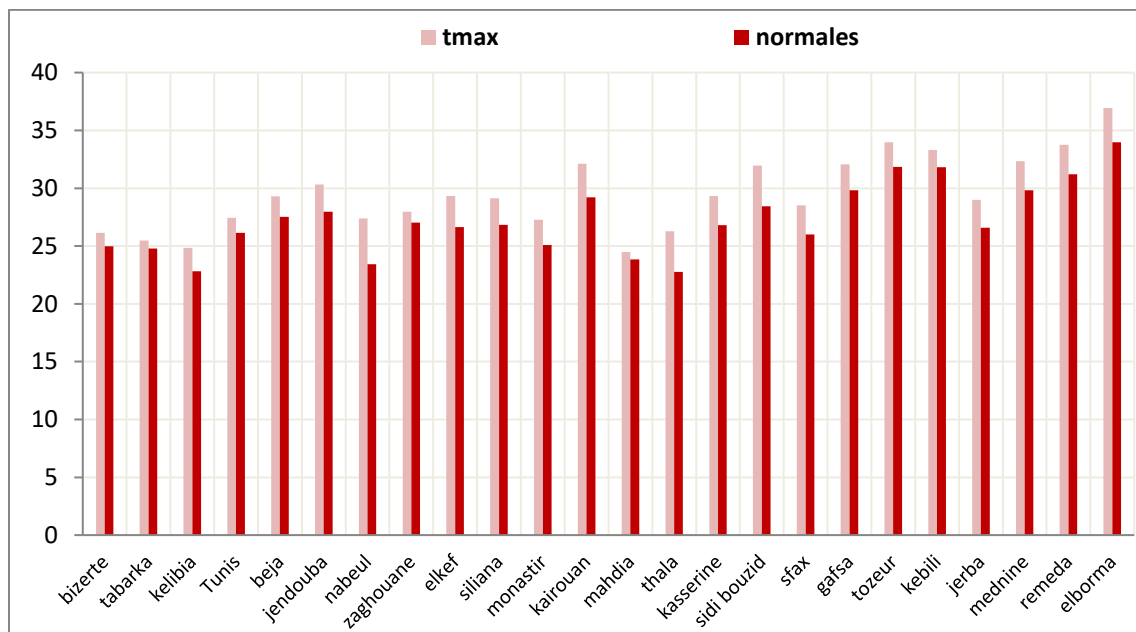
The average mean temperature in all regions (24 stations) reached (23.26 degrees) and exceeded the reference rate (1981-2010) by a difference of (+ 2.20 degrees), which made this month ranked second in the freest May months in Tunisia since 1970.

In terms of rain, May 2020 was dry, unlike last year, which was marked by an exceptional monthly total of rain in May 2019 (1030.80 mm). May 2020 (83.60 mm) was ranked third for the driest months, and it follows May 1995 (40.80 mm) and May 1973 (17.80 mm).

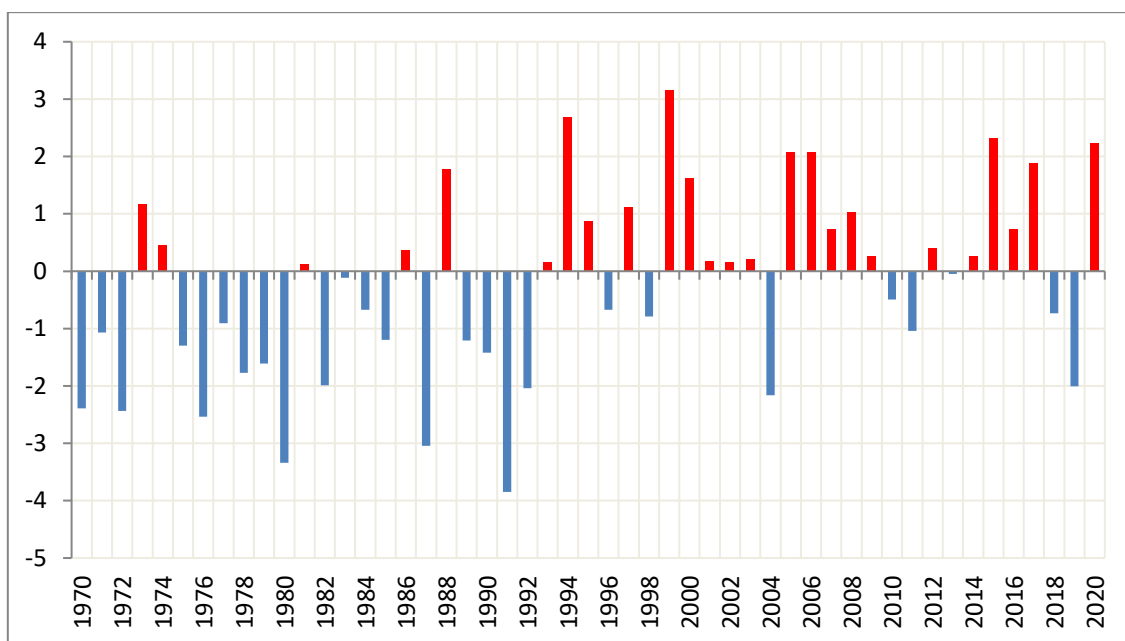
#### **1- Temperature:**

##### **- Maximum temperature:**

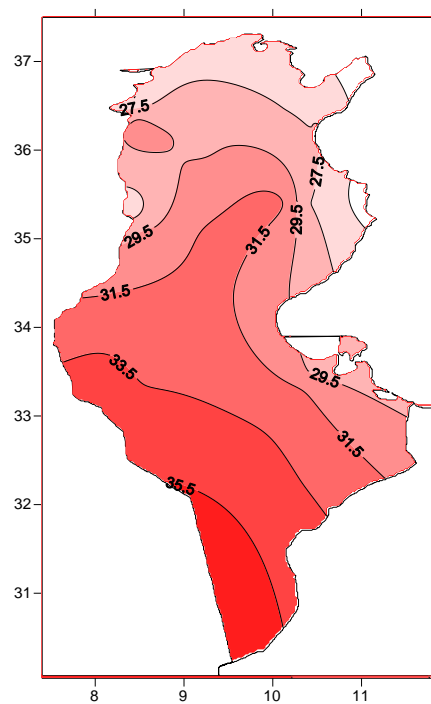
The maximum temperature in May 2020 was above the rates in all regions. The general average reached 29.53 degrees and the reference rate in all stations exceeded 2.22 degrees.



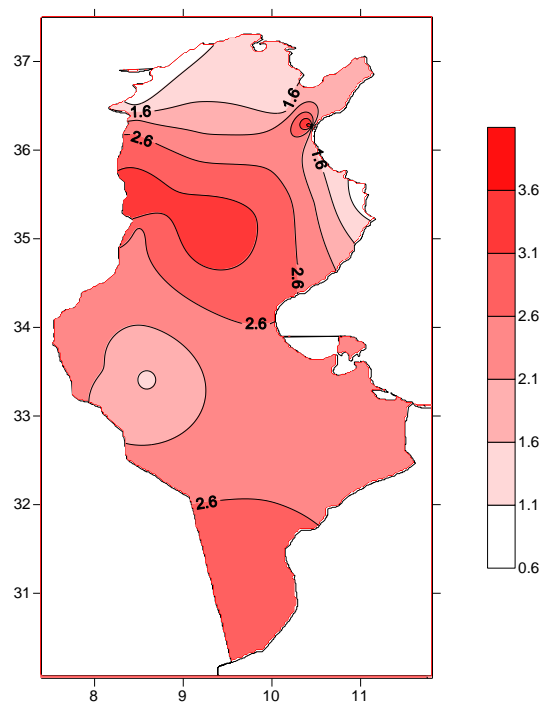
**Comparison of maximum temperatures (May 2020) with normal for May**



*Deviation from normal 1981-2010 maximum temperatures over the last 50 years: May*



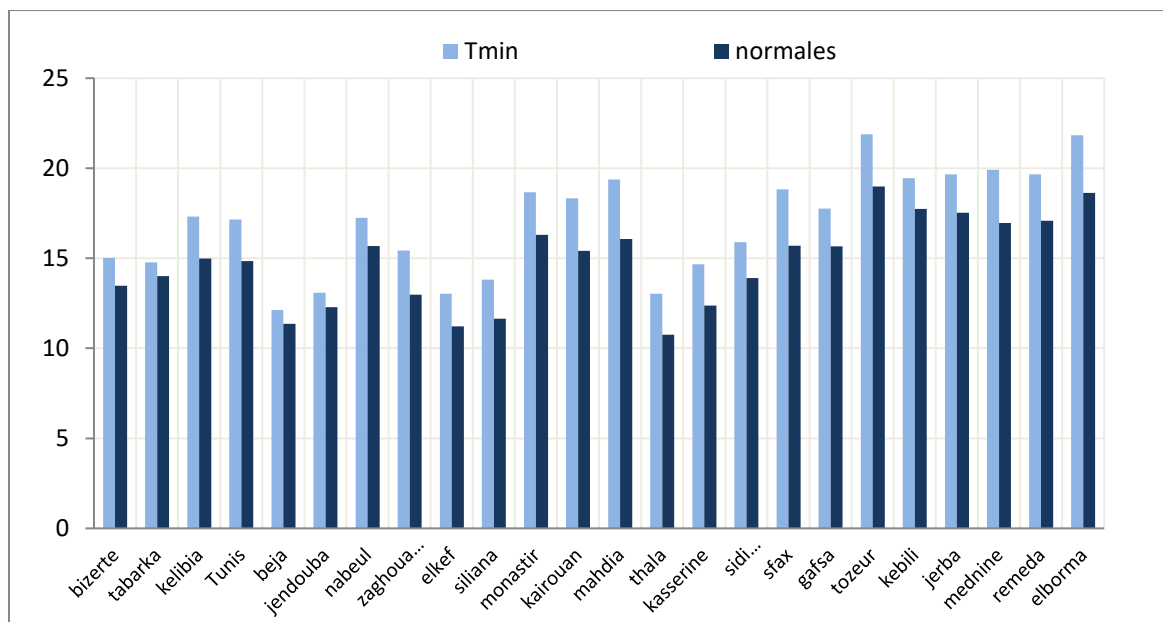
**Maximum temperature in (° C)**



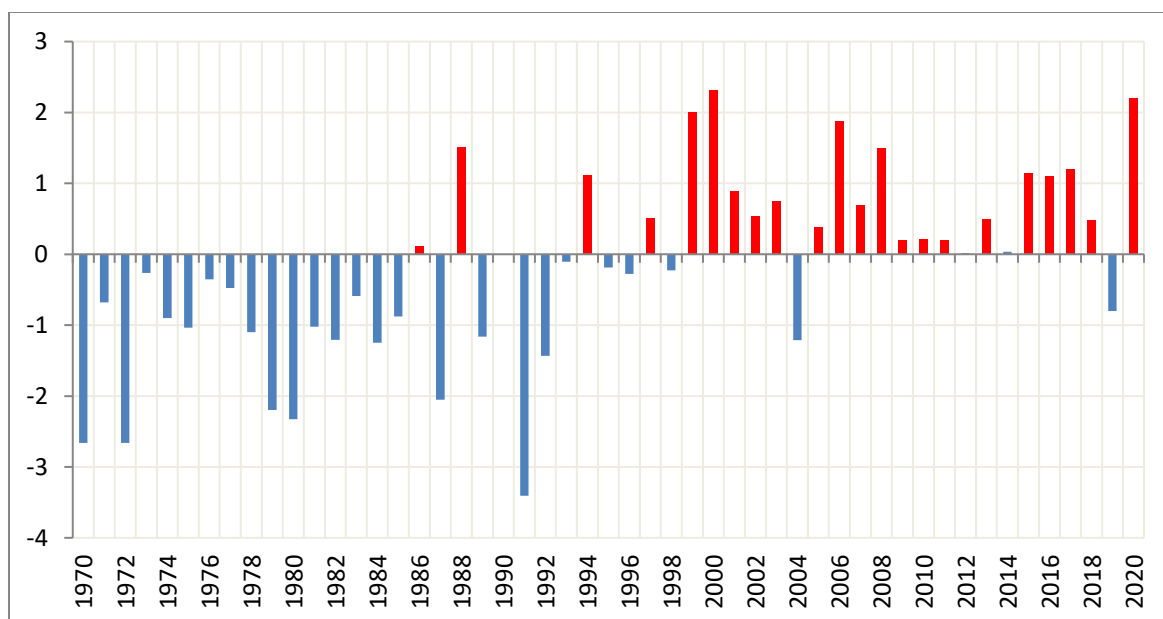
**Deviation from normal of Tmax in (° C)**

## - Minimum temperature

During the month of May 2020, the average minimum temperature reached 17 degrees and the reference rate (14.8 degrees) was exceeded in all stations, with a difference of + **2.18** degrees.

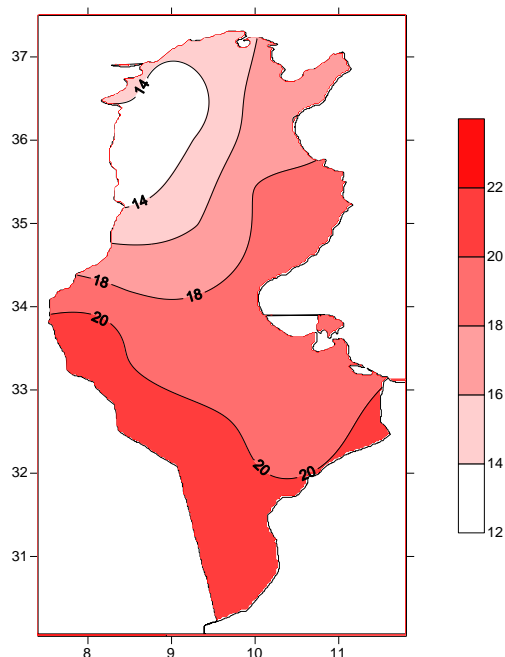


Comparison of **Minimum temperatures** (May 2020) with normal for May

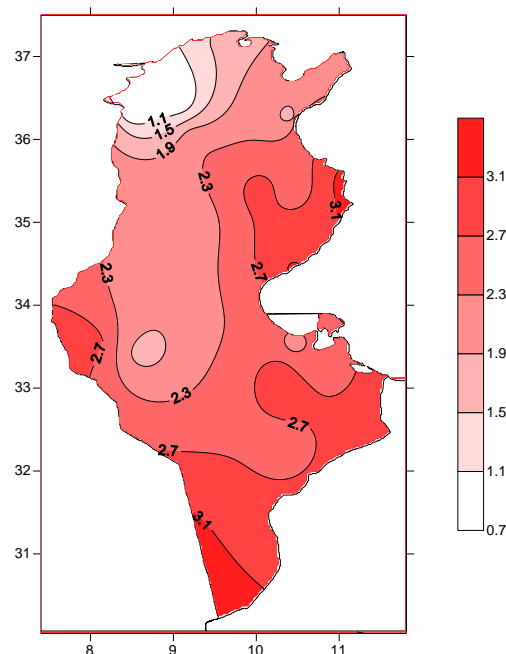


*Deviation from normal 1981-2010 minimum temperatures*

*over the last 50 years: May*



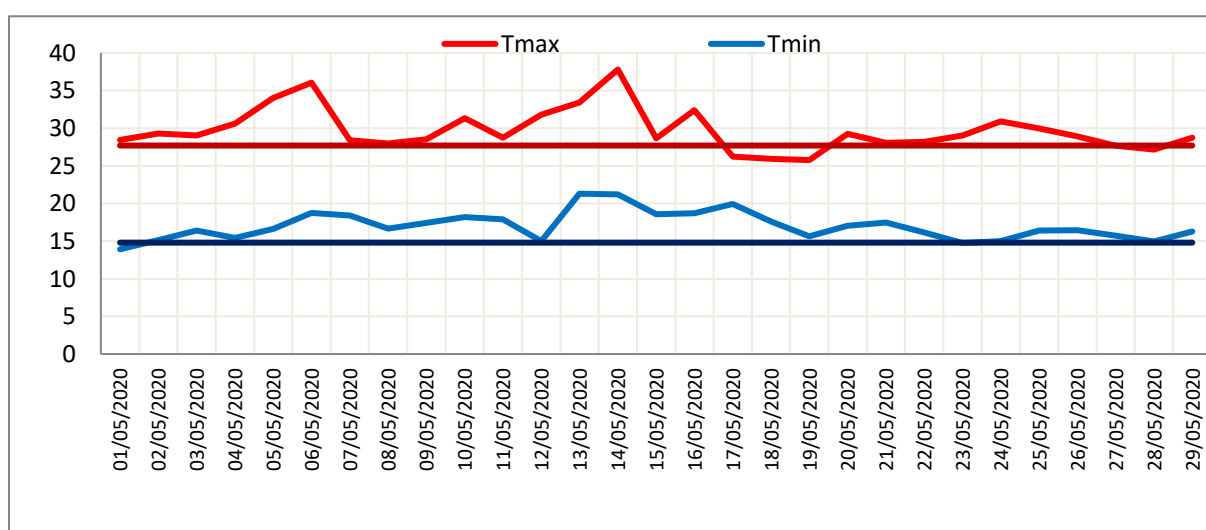
Minimum temperature in (° C)



Deviation from normal of Tmin in (° C)

### - Daily Evolution Temperature

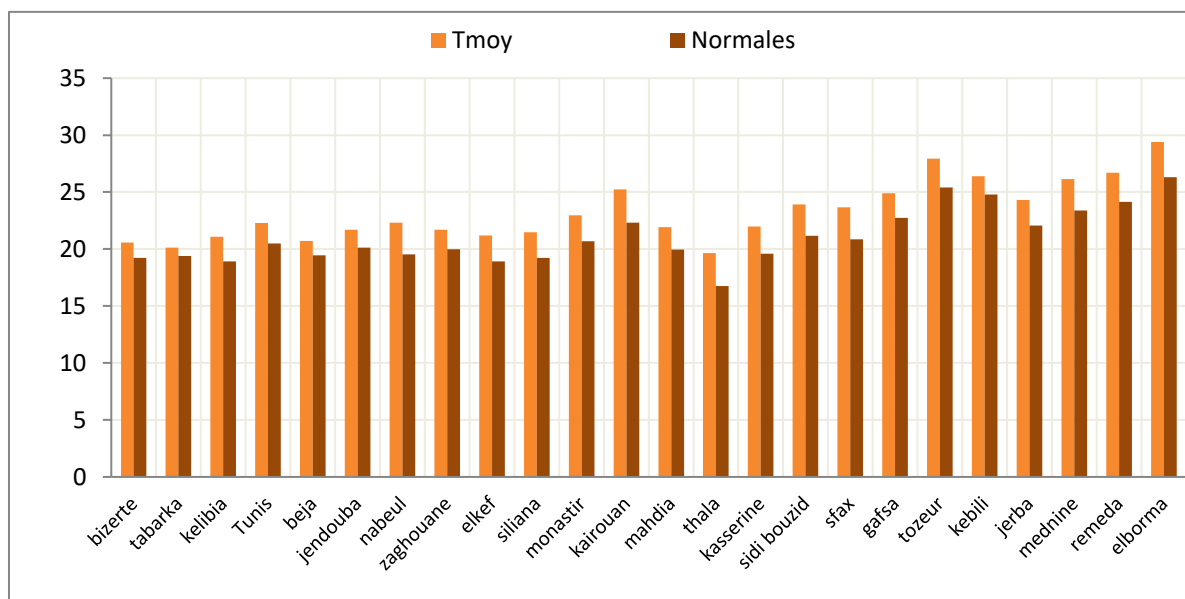
Maximum and minimum temperatures were most of the day above the reference rates for the month with many significant differences recorded throughout the month. It should be noted that a new record for maximum temperature was set in Medenine, with a maximum temperature of 44.8 degrees on May 13, 2020.



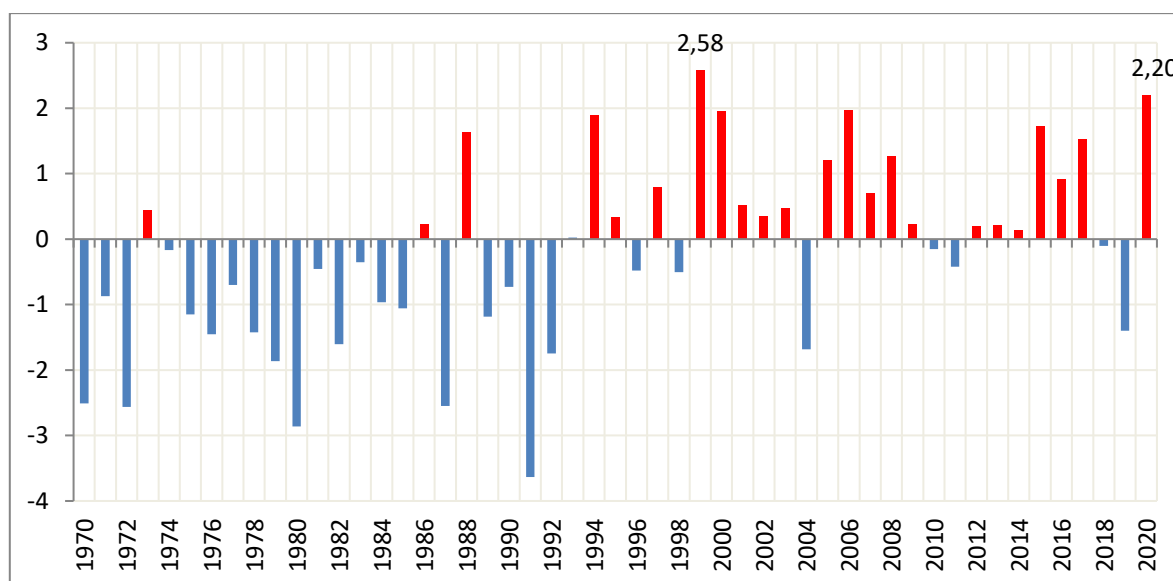
*Evolution of daily maximum and minimum temperatures in Tunisia  
compared to the normal for May*

- **Average temperature:**

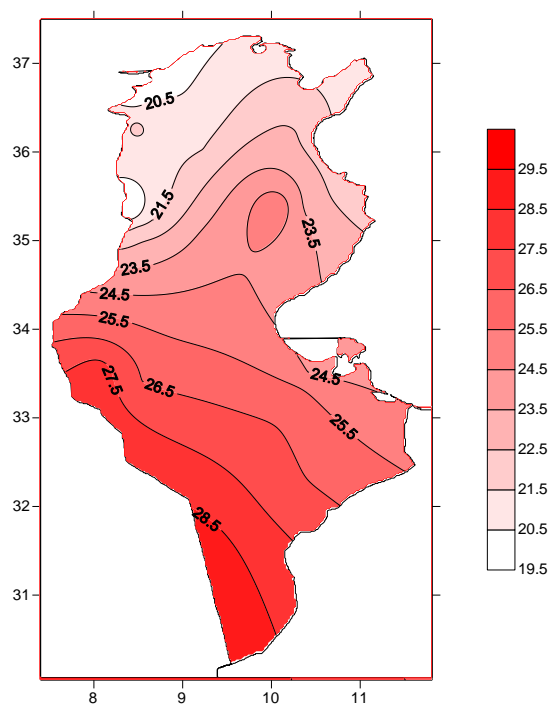
Average temperatures exceeded reference rates (1981-2010) in all regions and ranged between 19.65 and 29.38 degrees. The average temperature was 23.26 degrees and was above the reference average by + 2.20 degrees Celsius, which made May 2020 ranked second to the hottest months since 1970, after May 1999 (+2.58 degrees).



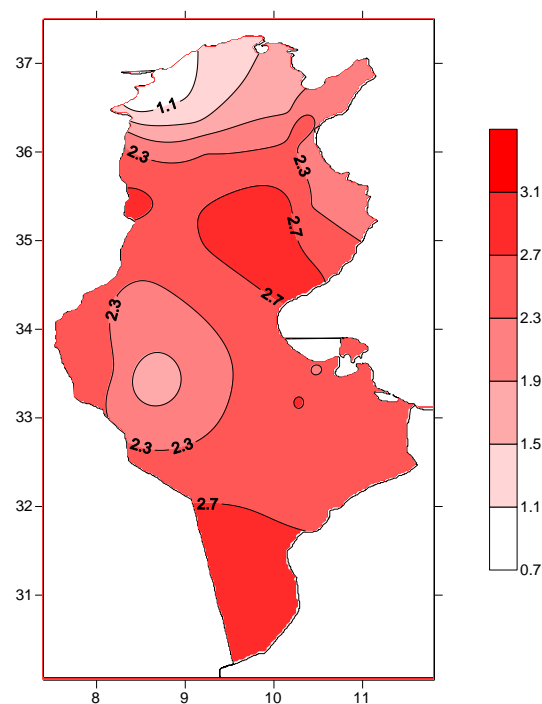
*Comparison of average temperatures with normal for the month of May*



*Deviation from normal 1981-2010 of average temperatures  
over the last 50 years: May*

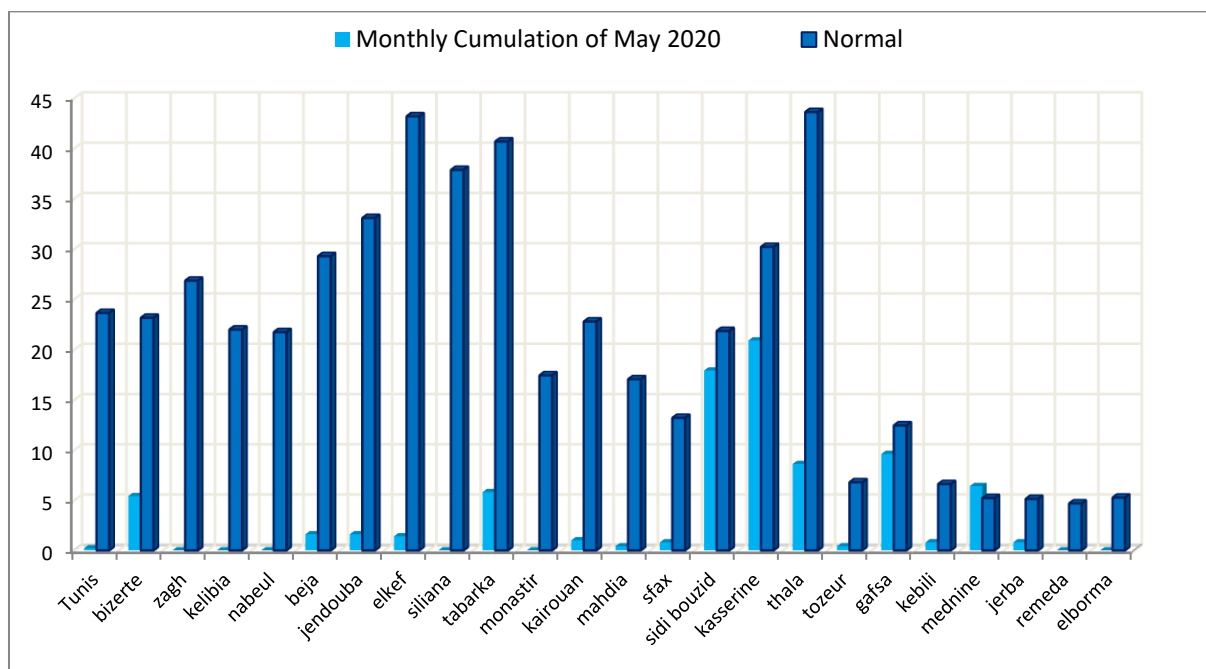


Average temperature in ( $^{\circ}$  C)

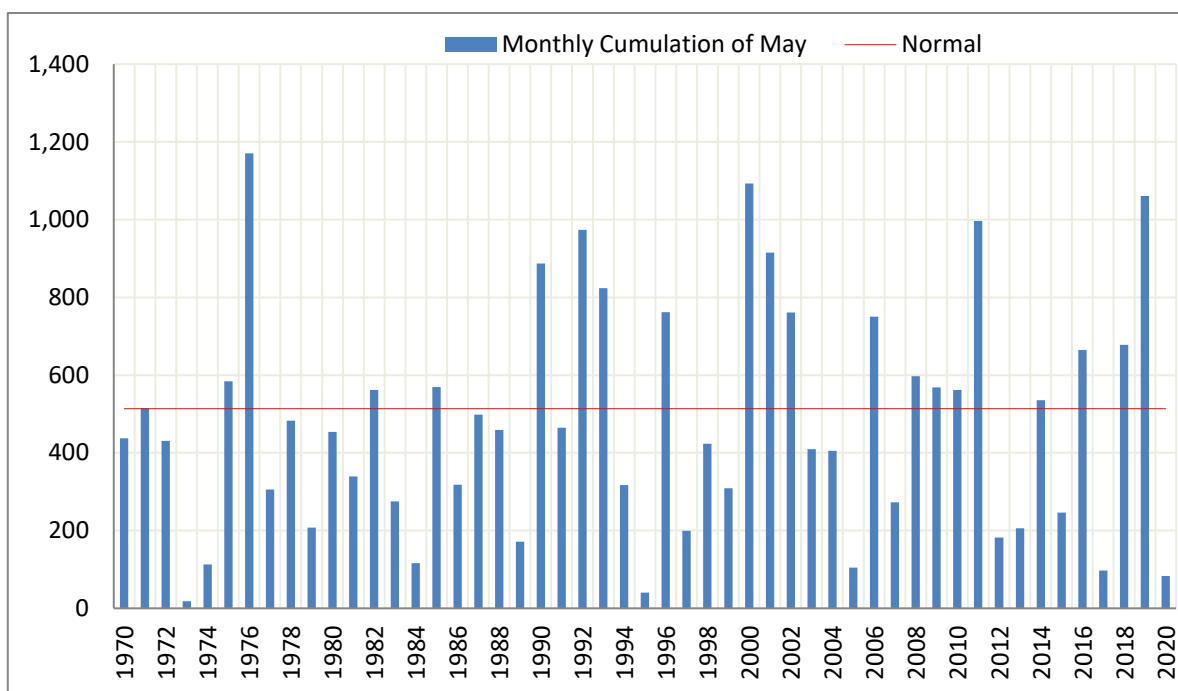


Deviation from normal of Tmoy in ( $^{\circ}$  C)

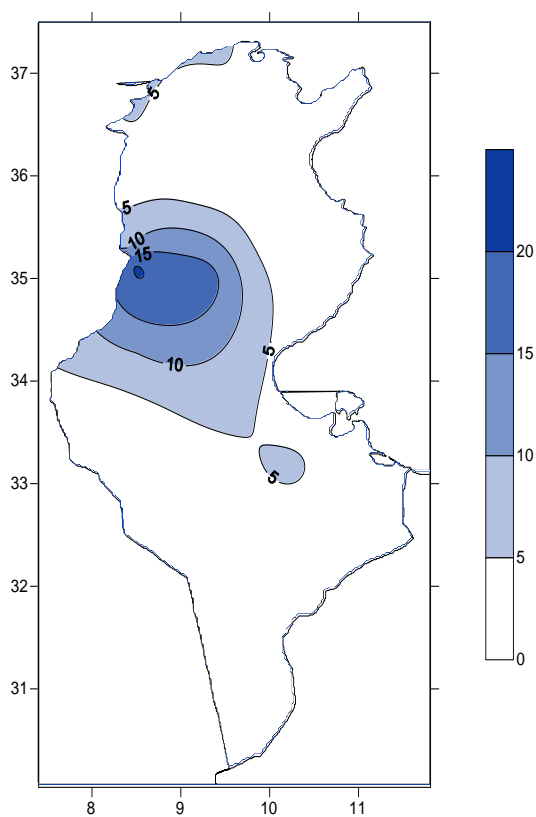
### 3- Rainfall:



Comparison of monthly precipitation totals versus  
to the reference cumulative means



*Total rainfall (in millimeters) at all major stations in May over the past 50 years (1970-2020)*



*Monthly rainfall total (in mm)*

May 2020 was exceptionally hot and dry.

The cumulative monthly rainfall for May in most regions (24 stations) was very low and was lacking in many regions.

The total monthly accumulation reached 83.60 mm, while the reference rate for the same stations is 513.60 mm, and the deficit varied from 18 to 95%, and several regions experienced a complete lack of rain, with the exception of Medenine where the accumulation was higher than the normal monthly and the surplus reached 23% due to the weak monthly normal of the month.

During the month of May 2020, it did not rain throughout the month in Kelibia for the first time in May in 50 years.

May 2020 was ranked third among the **driest** months since 1970 and comes after May 1995 (40.80 mm) and May 1973 (17.80 mm).

### 3- Wind :

The winds were moderate to fairly strong, and their speed increased significantly, especially on May 3 over the Cap Bon region, reaching a maximum of 94 km / h at Kelibia. During the days of 10 and 11, the wind speed reached 79 in Jendouba, 101 in Kébili and on 13 and 14 strong winds affected almost all regions of the country, reaching a maximum of 108 km / h in Kasserine, 72 in Siliana, 68 in Zaghouan on May 13, 94 in Thala, 79 in Tabarka, 72 in Bizerte and Tunis and 68 in Kef on May 14. During the period from May 17 to 19, 2020, strong winds affected the eastern coastal regions, reaching 86 in Nabeul and 65 in Sfax on May 17, 72 in Monastir, 65 in Mahdia and 60 km / h in Djerba on May 18, 2020 .

These strong winds were accompanied by sand phenomena in the south of the Tunisia.

