

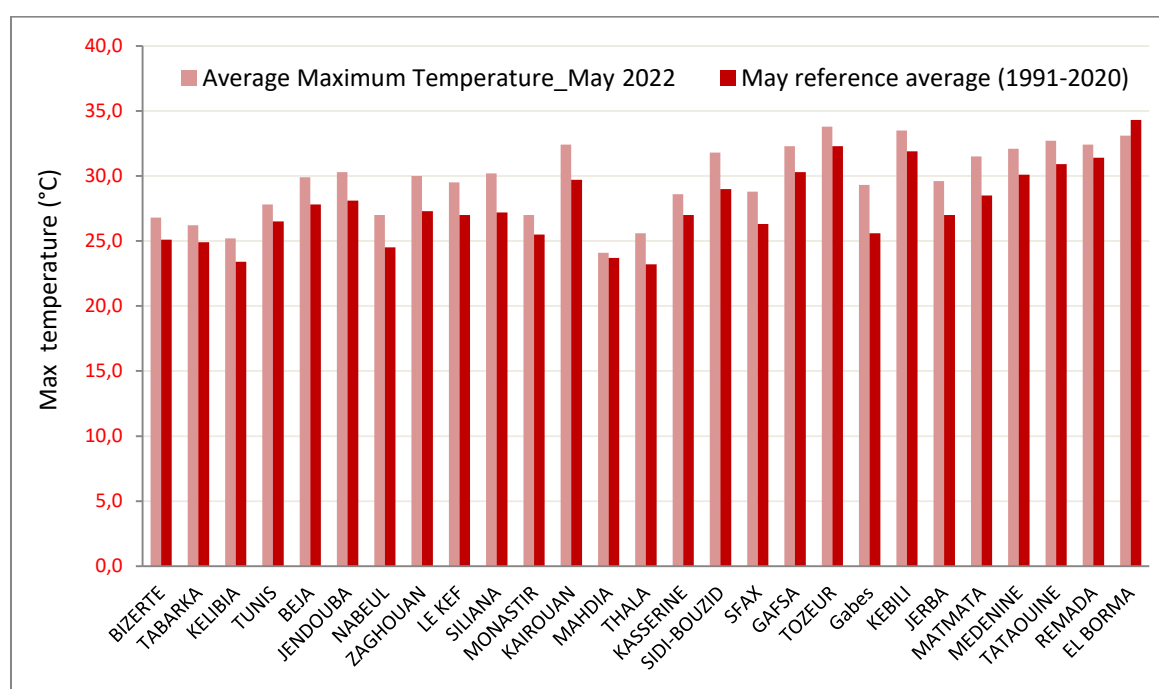
Monthly Climatological Report May 2022

May 2022 was marked by an increase in temperature in most regions of Tunisia. The general average (27 main stations) averaged 23 degrees and was above the reference average (21.5 °C), with a difference of +1.5 °C, which made May of this year ranked **sixth** for the hottest May since year 1950.

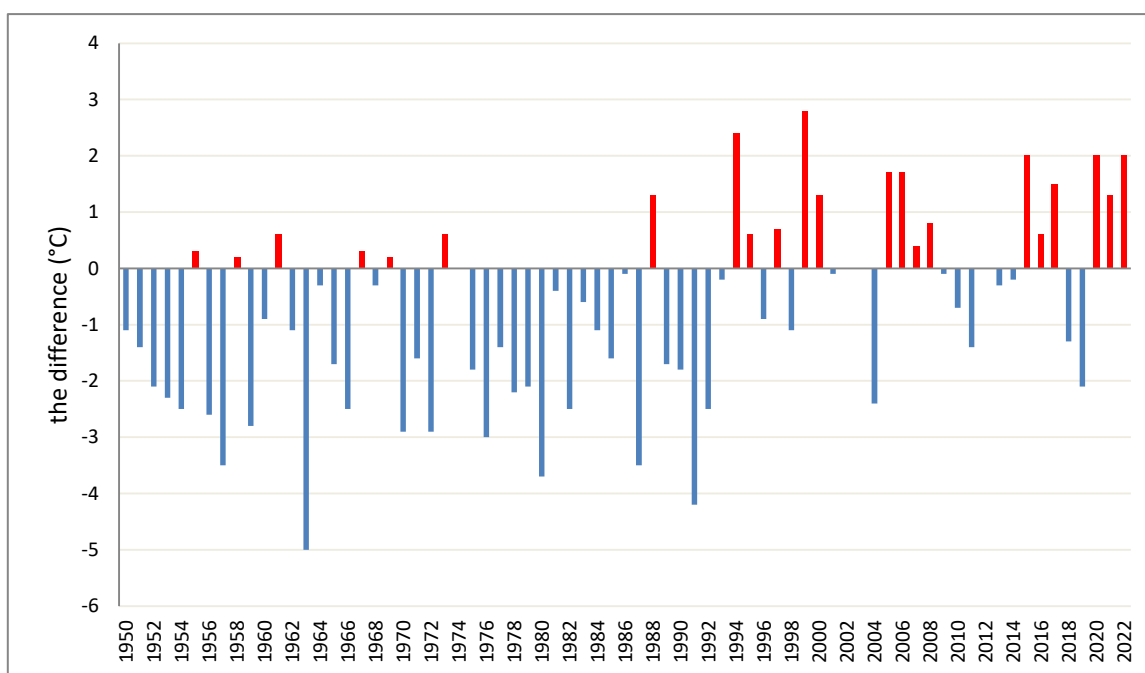
With regard to rain, most regions witnessed a decrease in the amount of rain, and the total total (27 main stations) for the month was 418.3 millimeters, while the reference rate (1991-2020) for the same stations was 541,9 millimeters.

- Maximum temperature

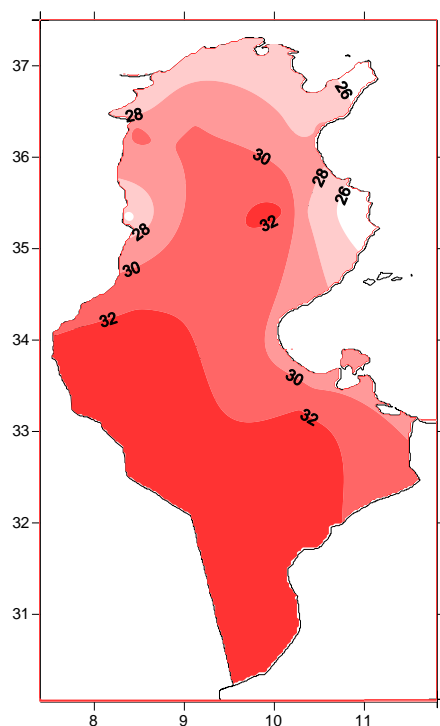
The maximum temperatures ranged from 24.1 degrees in Mahdia to 33.8 degrees in Tozeur and were above the reference rates in most regions. The differences ranged between +0.4 degrees in Mahdia and +3.7 degrees in Gabes, with the exception of EL Borma, where the average was 33.4 degrees and was less than the reference rate and the difference was -1.2 degrees . The absolute maximum temperature reached 44.0 degrees in Medenine on May 26, 2022. The general average maximum temperature was 29.7 degrees and was above the reference rate (27.7 °C) with a difference of + **2.0°C**



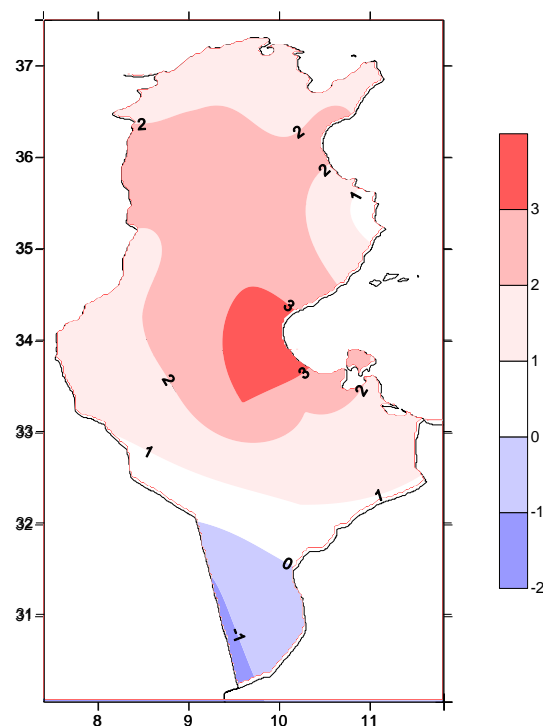
Comparison of maximum and normal temperatures for the month of May



**Deviation from normal (1991-2020) maximum temperatures
since 1950: Month of May**



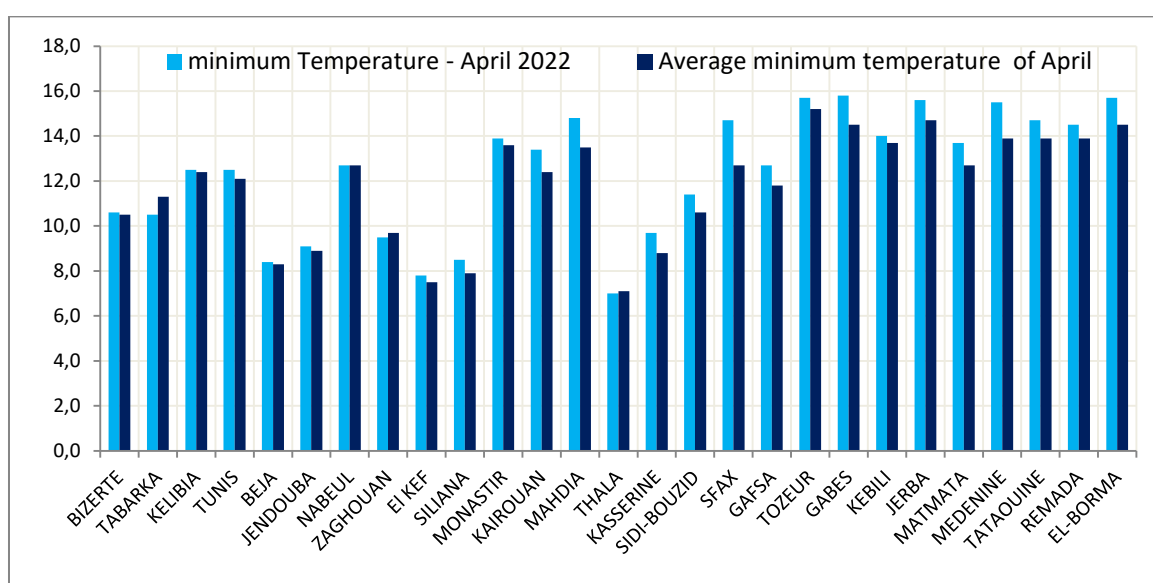
Maximum temperature in (°C)



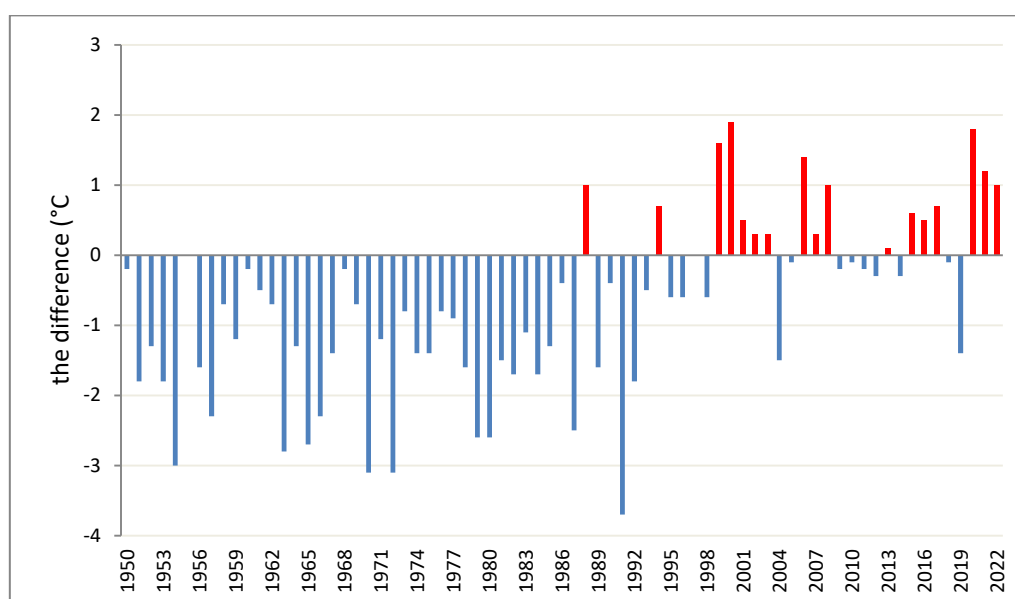
Deviation from normal of Tmax in (°C)

- Minimum temperature

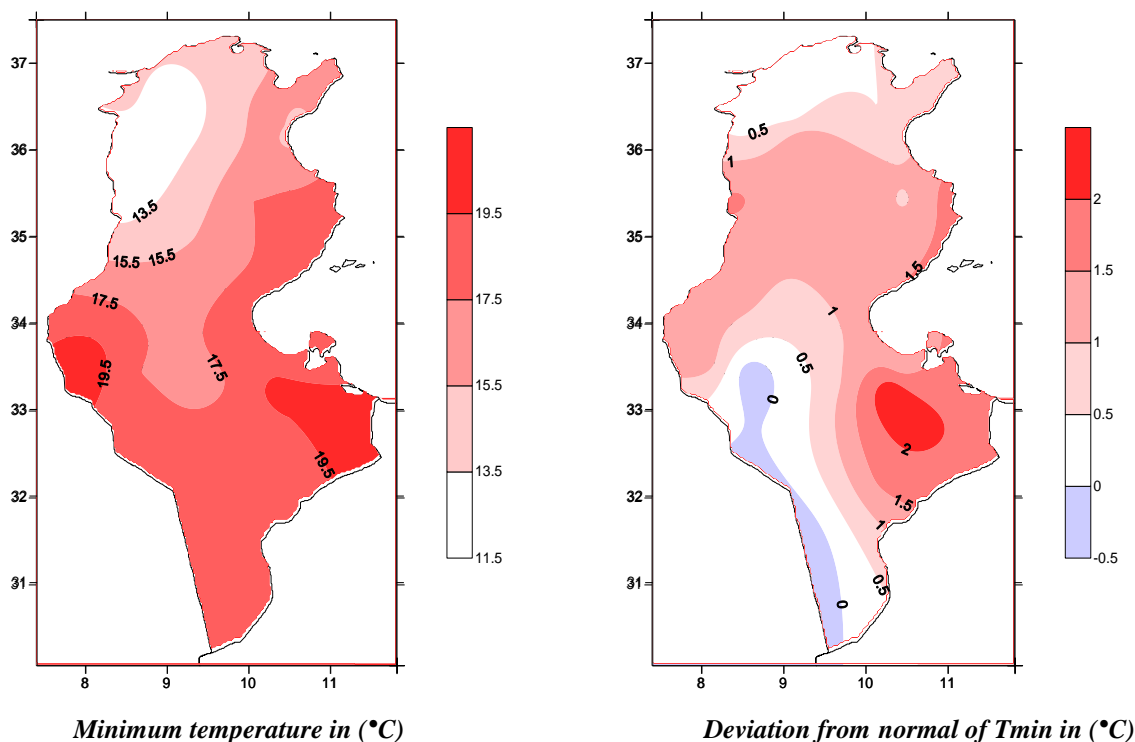
The minimum temperature rates were between 11.8 degrees in Beja and 20.8 degrees in Tozeur, and they exceeded the reference rates in most regions, and the differences ranged between +0.1 degrees in Tabarka and +2.4 degrees in Medenine, except for Kebili and El Borma, where the rates were slightly less than the reference rates, and the differences before the differences amounted to -0.3 and -0.7 degrees in whole. The absolute minimum temperature reached +5.2 degrees in Beja on May 01, 2022. The general average minimum temperature was 16.4 degrees and was above the reference average (15.4 °C) by +1.0°C.



Comparison of minimum and normal temperatures for the month of April

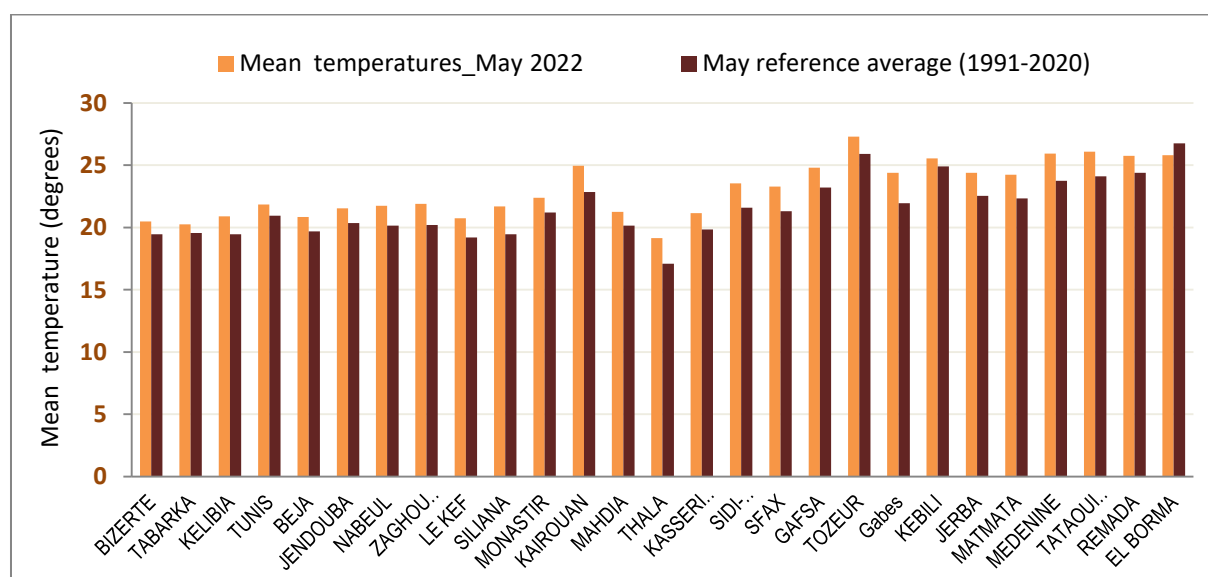


Deviation from the (1991-2020) normal of minimum temperatures since 1950: Month of May

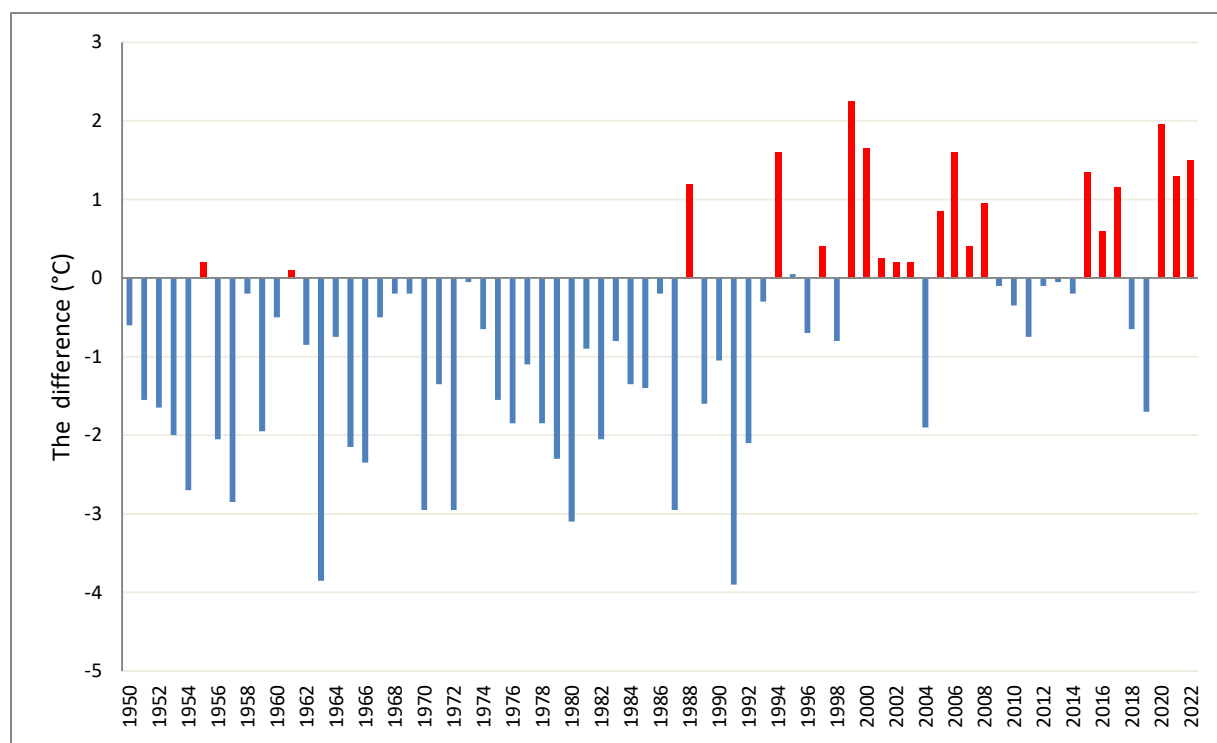


Mean temperature :

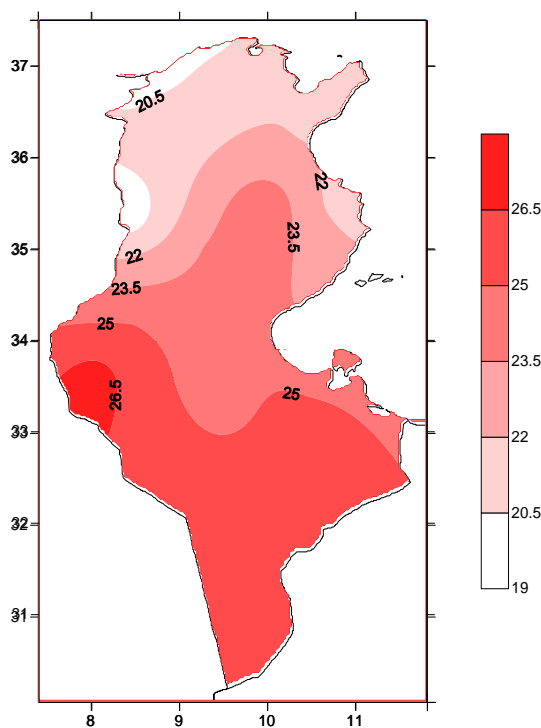
As for the average temperatures, they varied between 19.2 degrees in Thala and 27.3 degrees in Tozeur, and were above the reference rates in all regions, where the differences ranged between +0.7 degrees in Tabarka and +2.5 degrees in Gabes. As for the general average of the average temperature, it reached 23 degrees and was above the reference average (21.5 °C) and by a difference of + 1.5 degrees, which made the month of May 2022 classified as **the sixth warmest month of May** since 1950.



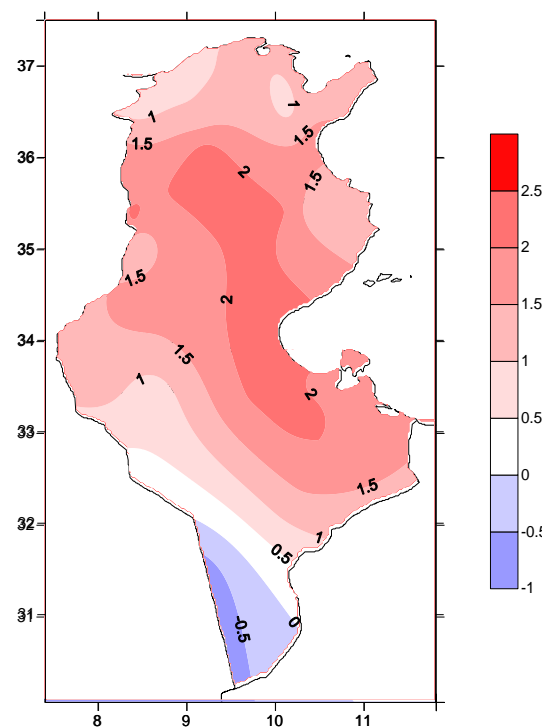
Comparison of mean and normal temperatures for the month of May



Deviation from the(1991-2020) normal of mean temperatures
since 1950 : Month of May



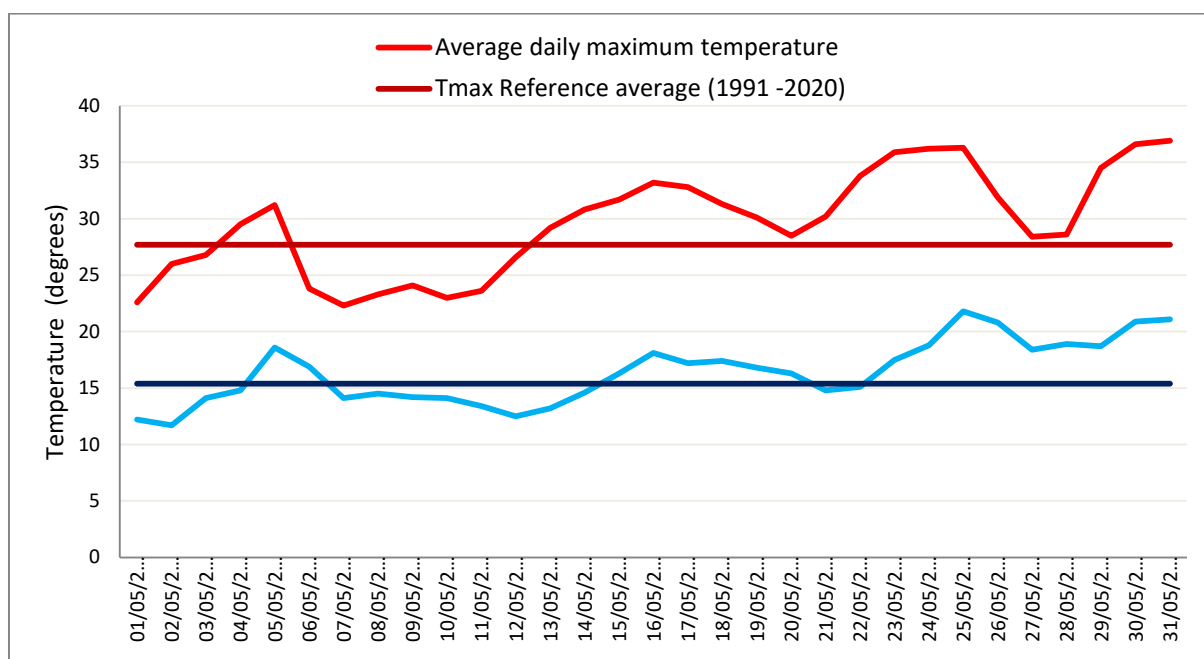
Average mean temperature (°C)



(mean T) 's deviation from normal (°C)

The daily evolution of the maximum and minimum temperatures during the month of May 2022 compared to the reference rates :

During the month of May, the temperature was mostly below the reference levels until May 12 except for the period from 3 to 6 May when it witnessed a relatively and temporary rise. Starting on May 13, the maximum and minimum temperatures were generally above average.



Evolution of daily temperatures compared to normal for the month of May

Rainfall:

With regard to precipitation, the monthly total has witnessed a decrease in most regions. The shortage in the northern regions ranged from 1% in Zaghouan to 75% in Kef, with the exception of Tunis-Carthage and Bizerte, where it witnessed a surplus ranging from 43% in Tabarka to 224% in Bizerte, and amounted to 166% in Tunis-Carthage.

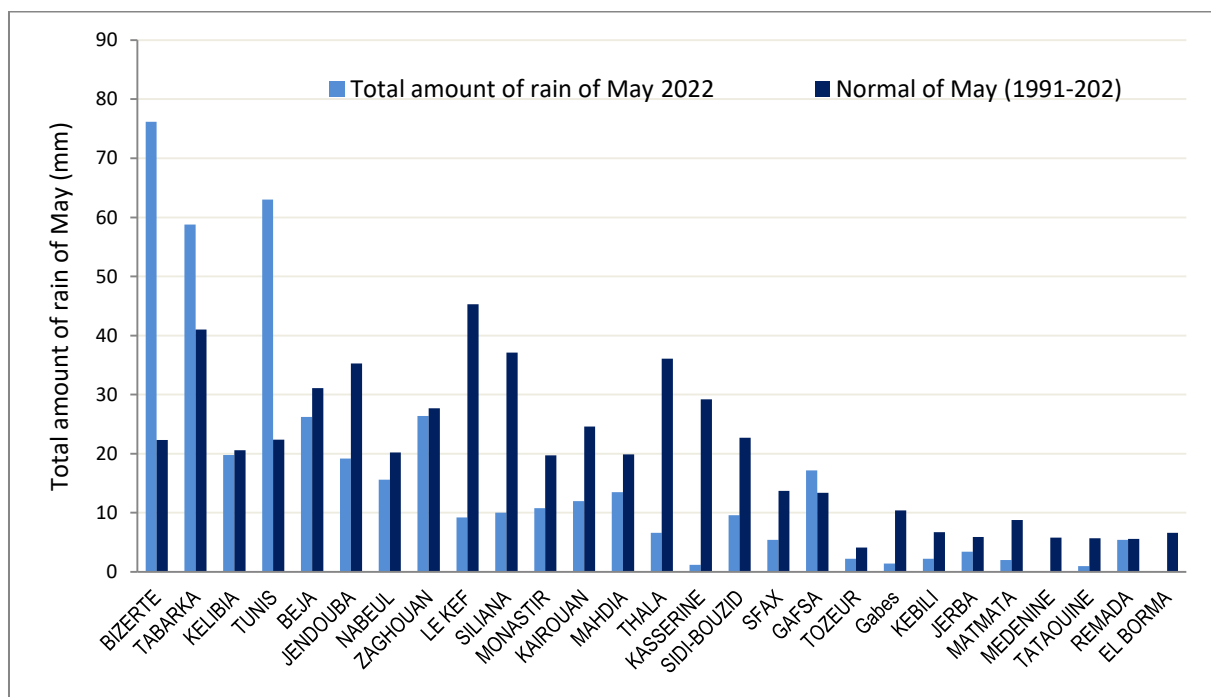
For the central regions, the total monthly rainfall was less than the reference total, and the decrease ranged between 21% in Mahdia and 96% in Kasserine.

As for the south, the total rainfall during May 2022 was less than the reference total, and the decrease ranged between 33% in Djerba and 83% in Tataouine, with the exception of Gafsa and Remada, where the total was above the reference total, and the surplus was

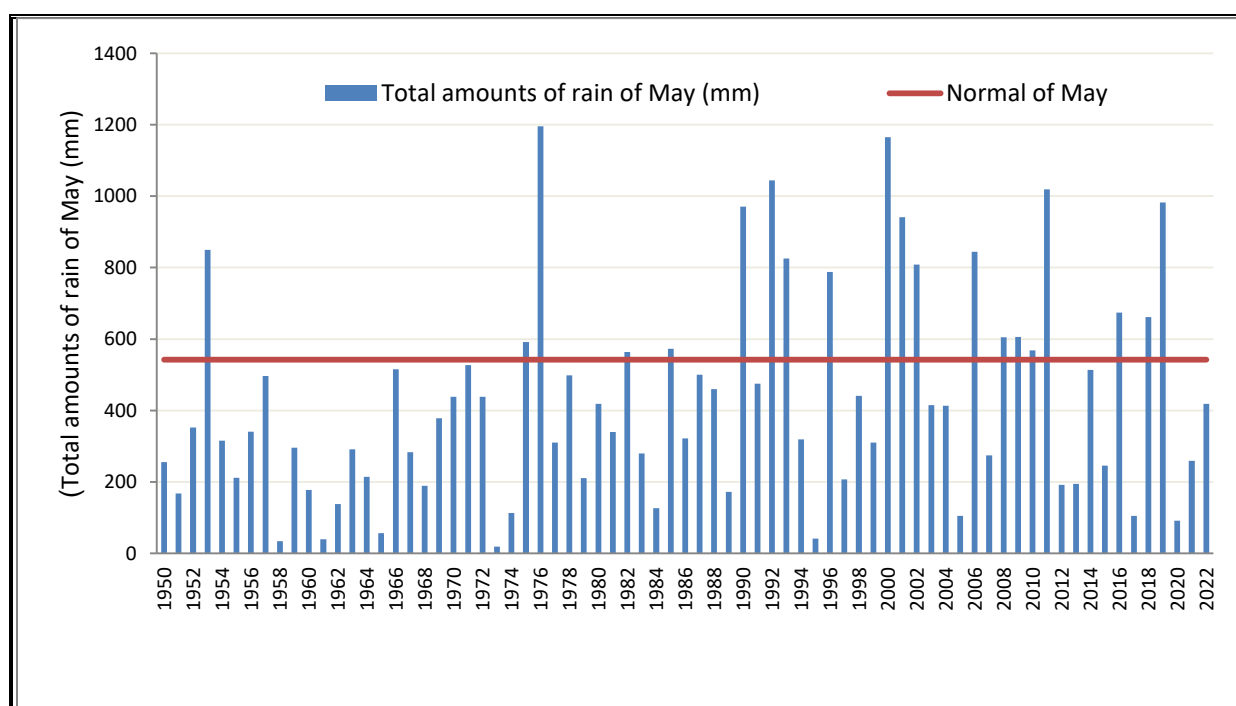


respectively 39% in Gafsa and 11% in Remada. It should be noted that the rains did not fall in Medenine and El Borma during the month of May 2022.

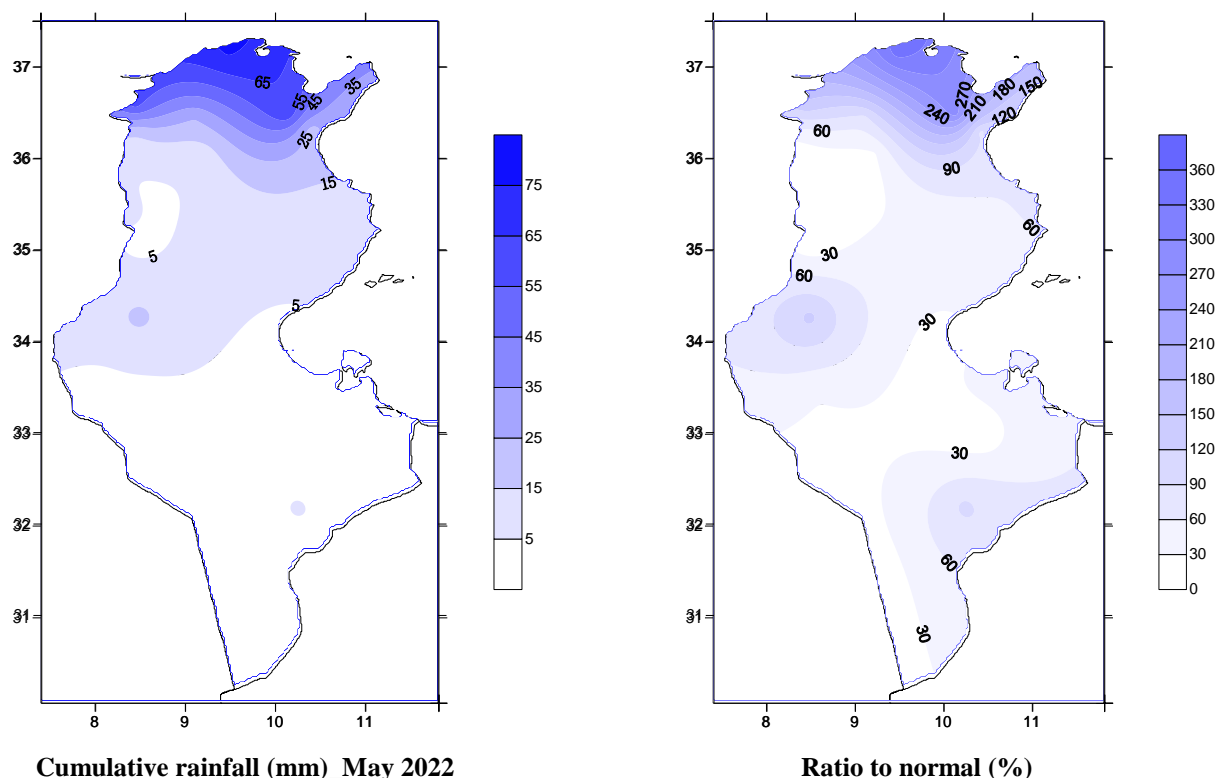
In total, the amount of rain (27 main stations) of May was 418,3 millimeters, while the reference rate (1991-2020) for the same stations was 541,9 millimeters.



Comparison of monthly rainfall totals withto the reference normals of the accumulations _May 2022



Cumulative monthly rainfall since 1950 in Tunisia: Month of May



- The winds :

As for the winds, they were generally weak to moderate, and their speed increased on May 01, 2022 in the southern regions, where it was dusty and sandy in Kebili, and its maximum speed ranged from 58 km / h in Tataouine to 68 km / h in Kebili.

The wind speed increased during the period from 03 to 06 May in most areas, with a maximum speed ranging between 60 km/h in Gabes and 90 km/h in Nabeul, with a maximum of 101 km/h in Zaghouan on 05 May and 122 km/h in Kasserine on 06 May 2022.

On May 10, the wind was strong in the far south, with a maximum speed of 58 km/h in Tataouine to 68 km/h in El Borma.

The wind was also strong on May 25, 2022 in the regions of Nabeul, Kasserine and Tozeur, with a maximum speed of 65 km/h in Kasserine, 68 km/h in Thala and Tozeur, and 90 km/h in Nabeul.

(Figure no. 01 and Figure no. 02):



Figure no. 01

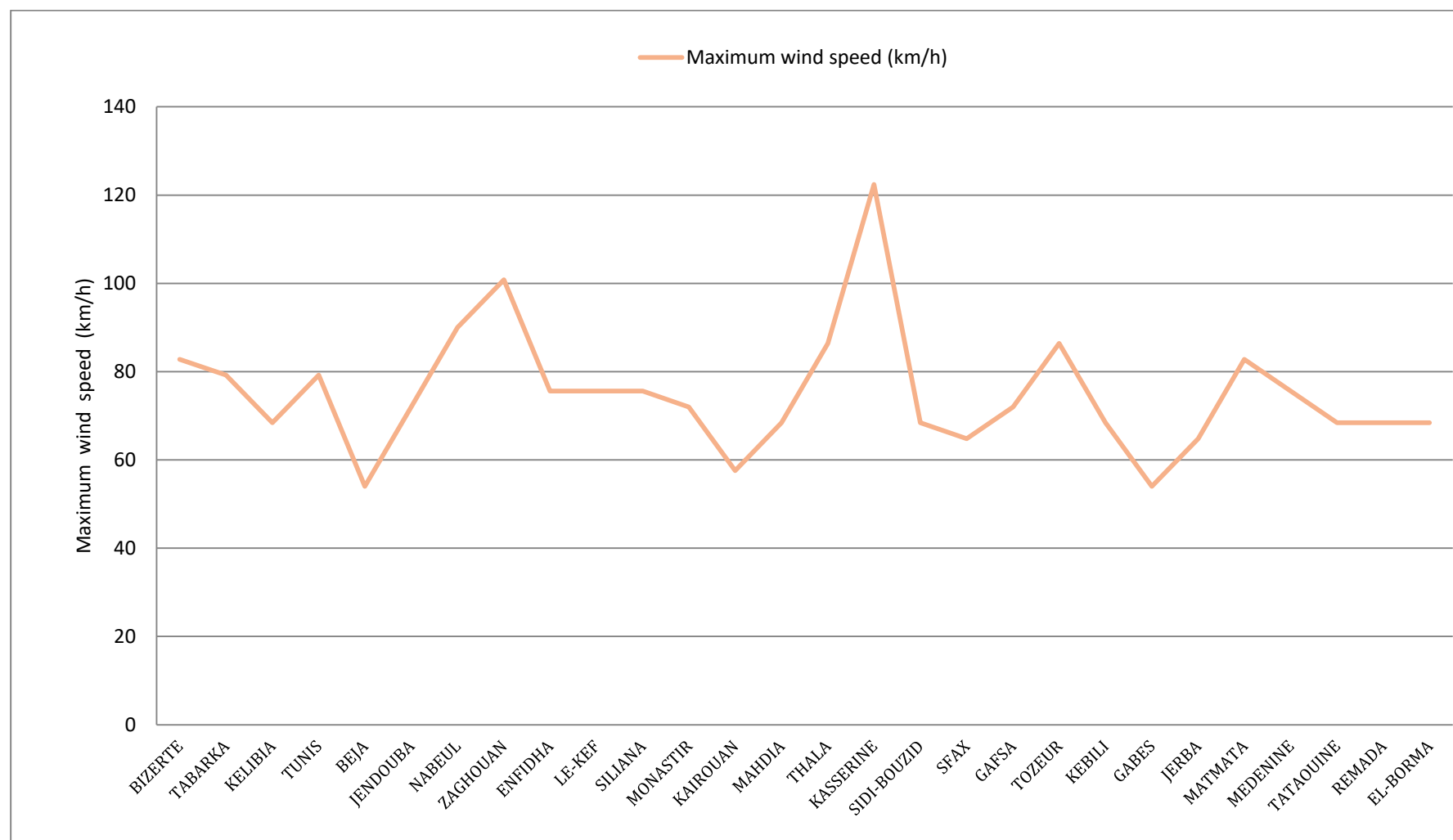




Figure no. 02

