

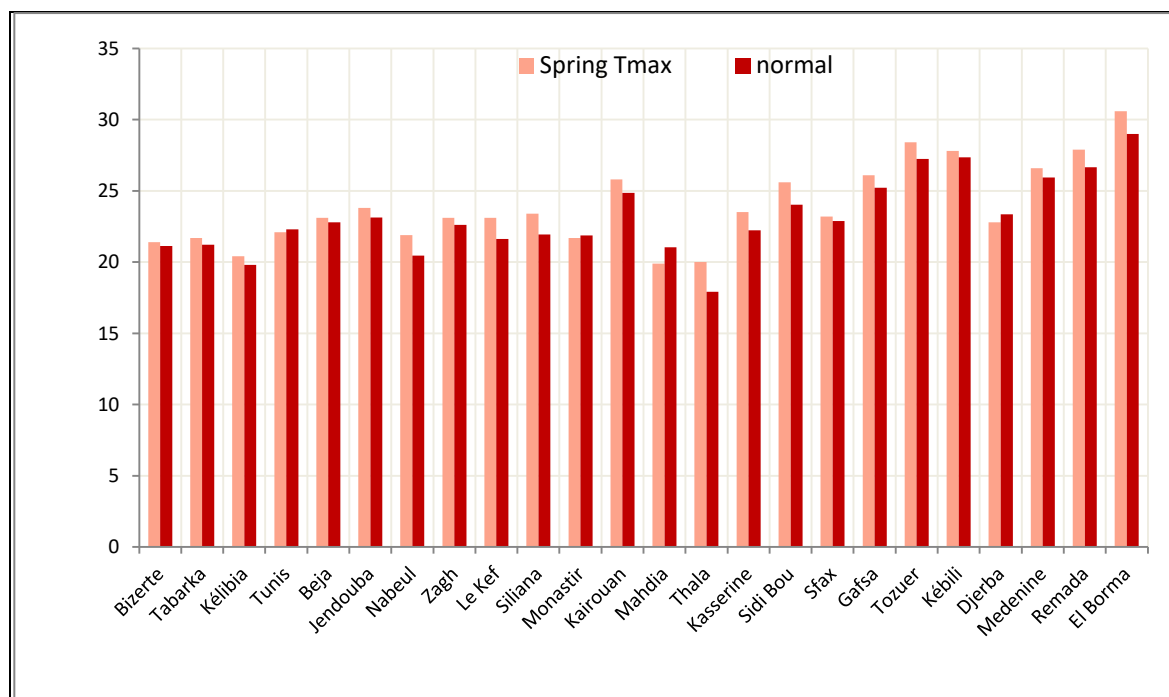
Seasonal Climate Report Spring 2021 in Tunisia

In spring 2021, the average temperature in most regions was slightly above benchmark rates. The overall average of the main stations (24 stations) reached 18.21 degrees, exceeding the benchmark rate by a deviation of +0.88 degrees, this made the spring of this year the **seventh warmest** spring last ten years.

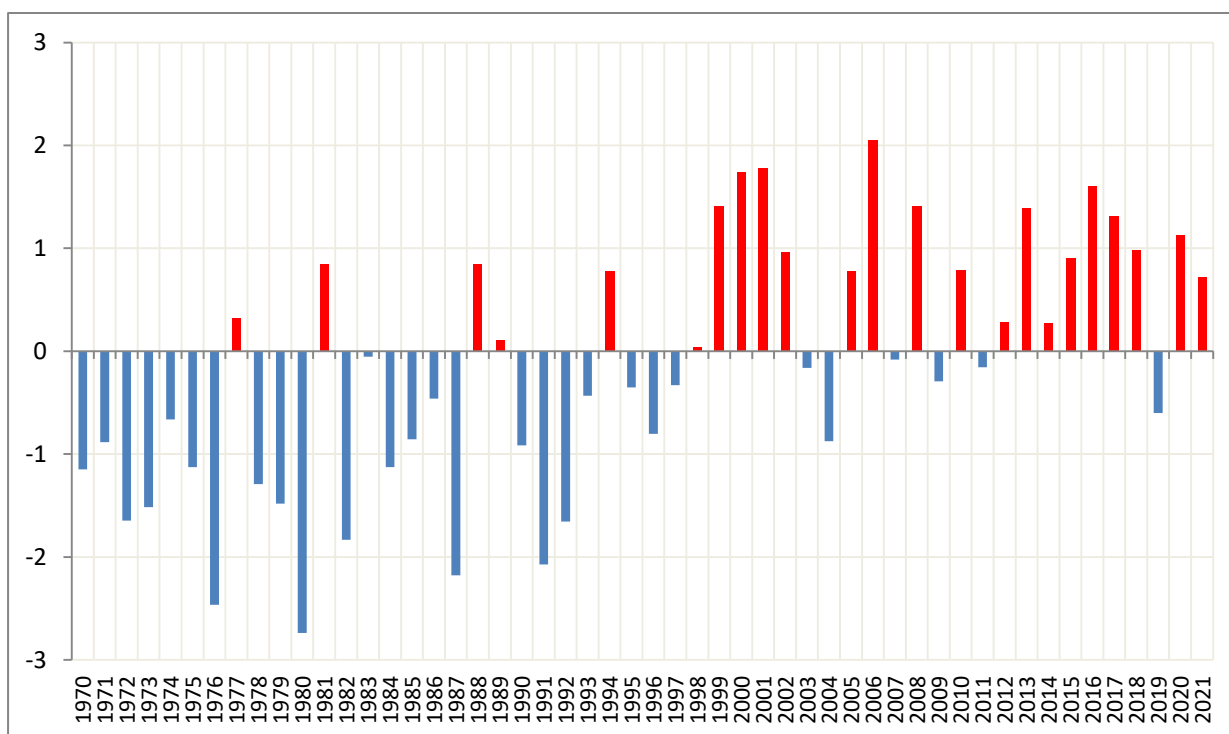
As for the rainfall amounts, the total seasonal rainfall in all the main stations was 1636.30 millimeters, and it was 20% lower than the seasonal reference total for the same stations (2044.27 millimeters) and this deficit was recorded despite the local surplus in almost all the northern regions (Bizerte, Tabarka, Kelibia, Tunis, Beja, Jendouba and Nabeul) because the deficit in the central and southern regions was very significant.

Maximum temperature

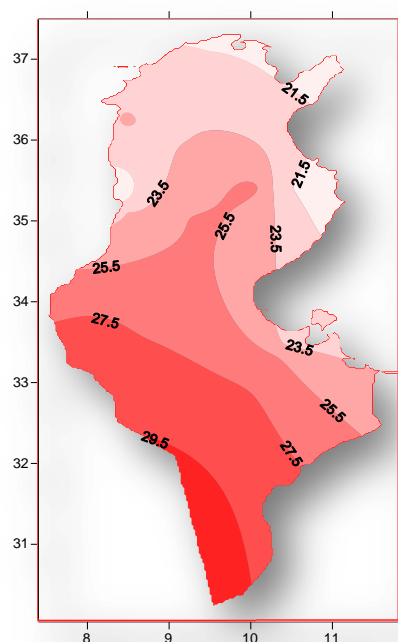
The average maximum temperatures of spring 2021 have increased compared to the seasonal reference averages in all the resorts except Tunis, Monastir, Mahdia and Djerba with a general average over all main stations of Tunisia of 23.91 ° C and a difference of the normal of (+ 0.72 ° C).



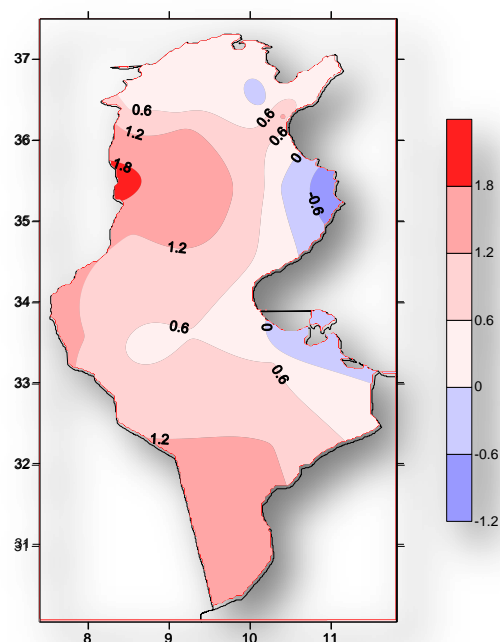
Comparison of maximum temperatures of Spring 2021 with normal (1981-2010)



Maximum temperature deviation from normal (1981-2010) Since 1970 _ Spring



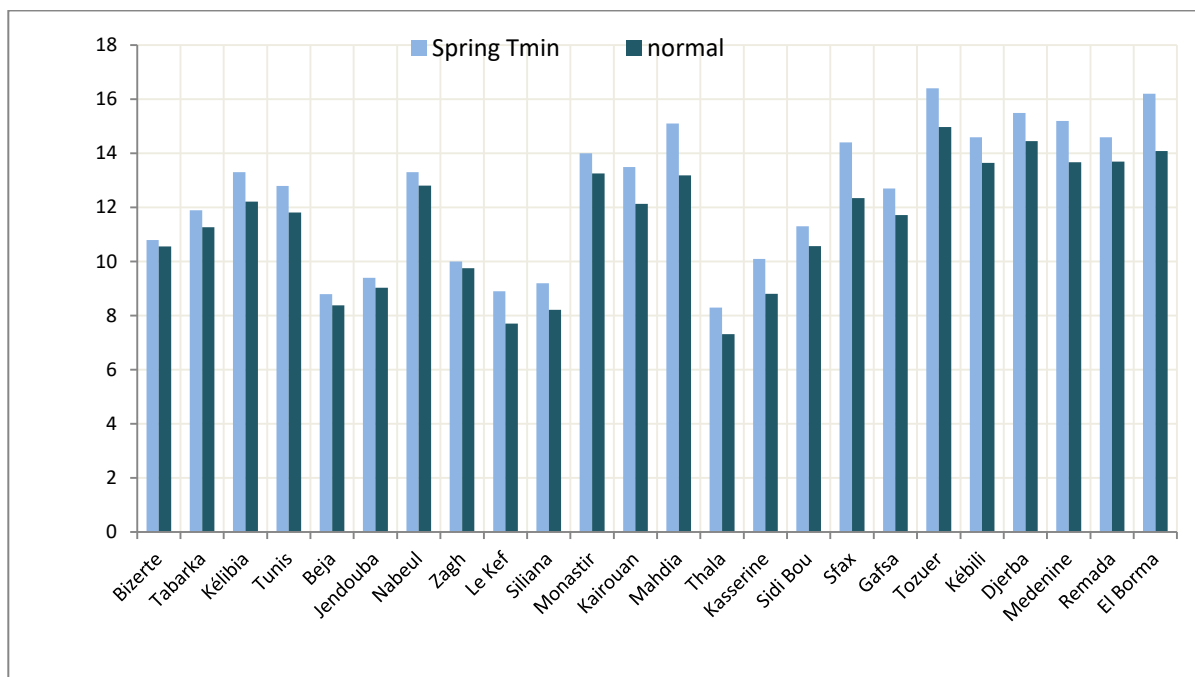
Maximum temperature in (° C)



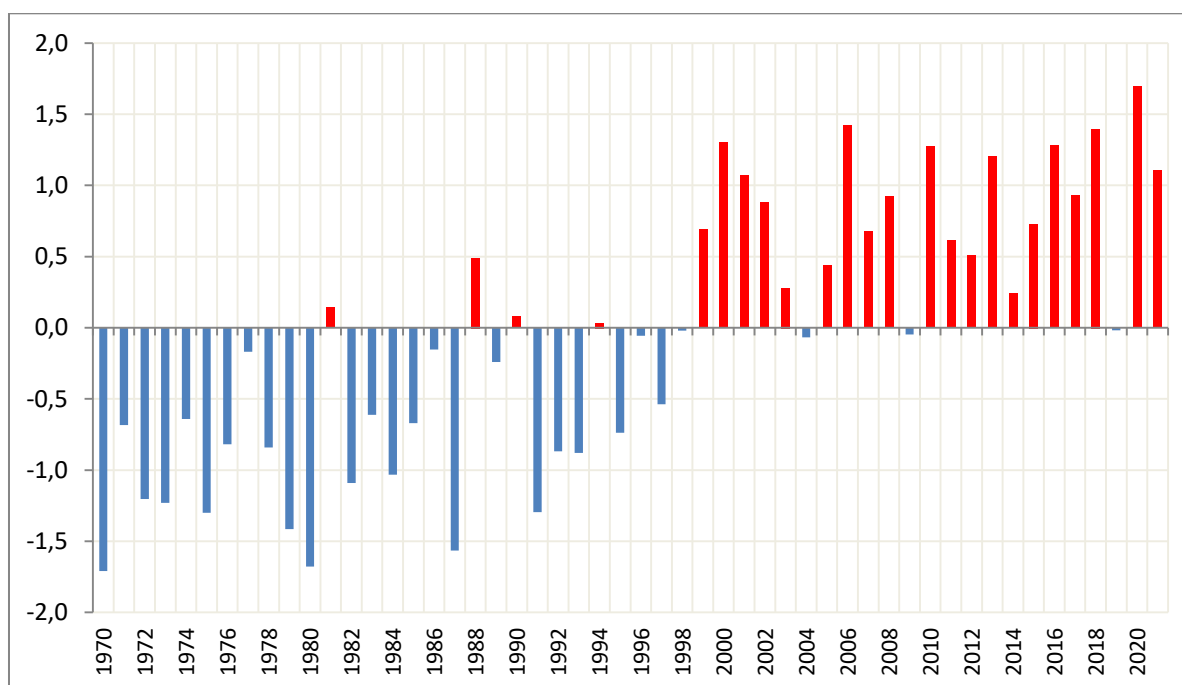
Deviation of Tmax from normal

Minimum temperatures

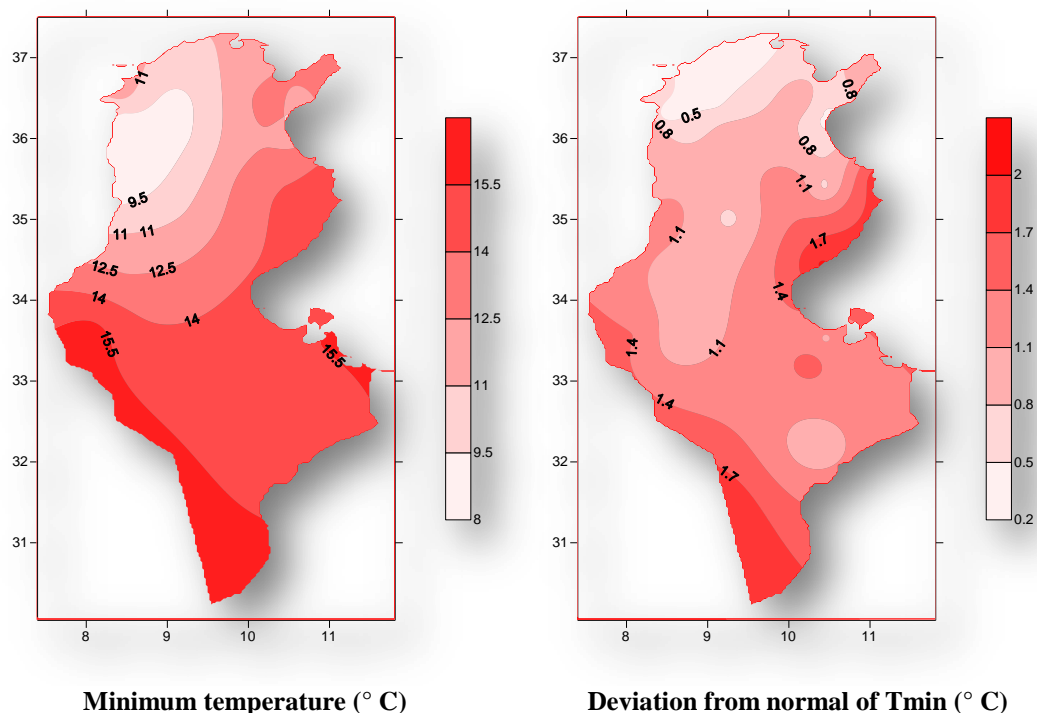
The minimum temperatures for spring 2021 exceeded the seasonal reference averages in all the stations and on average throughout Tunisia the minimum temperature (12.59°C) was above normal by ($+1.10^{\circ}\text{C}$).



Comparison of minimum and normal temperatures of Spring

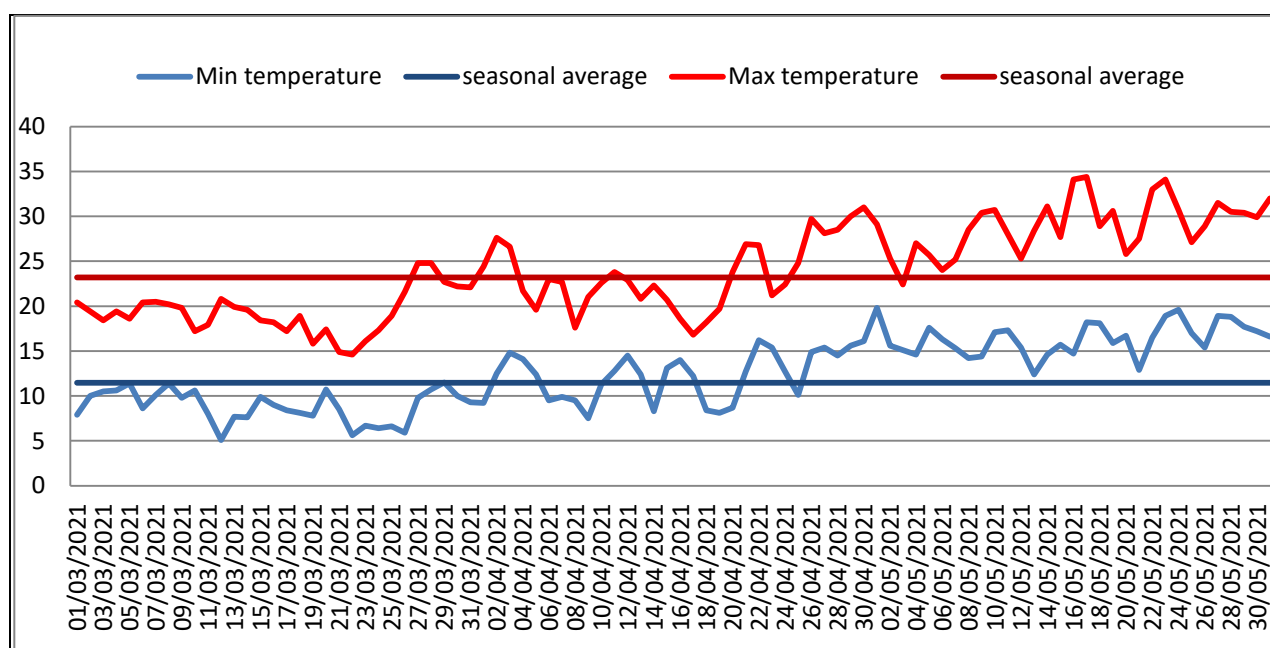


minimum temperature deviation from normal (1981-2010) Since 1970 _ Spring



Daily Evolution of Temperatures.

The temperatures in March were most often lower than normal especially the maximums with an increase recorded in the last week of the month, in April and from the 4th of the month the passage of disturbances caused a fairly marked cooling then and from the 26th from the month to the end of the season, minimum and maximum temperatures were above normal and growing continuously.

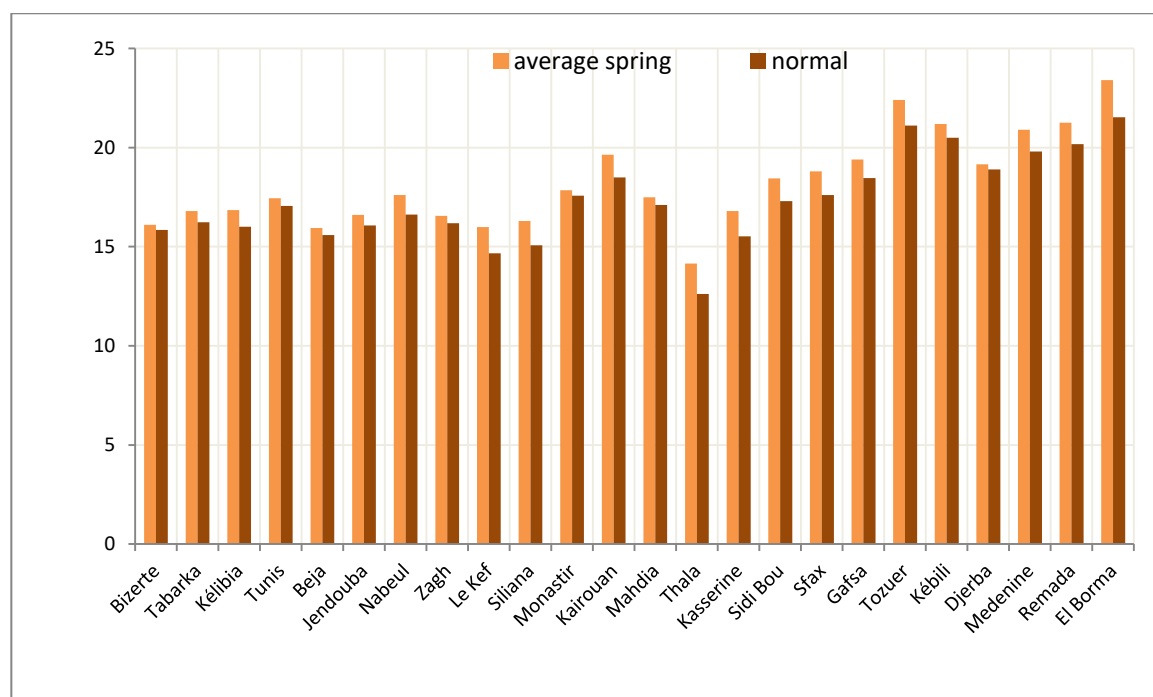
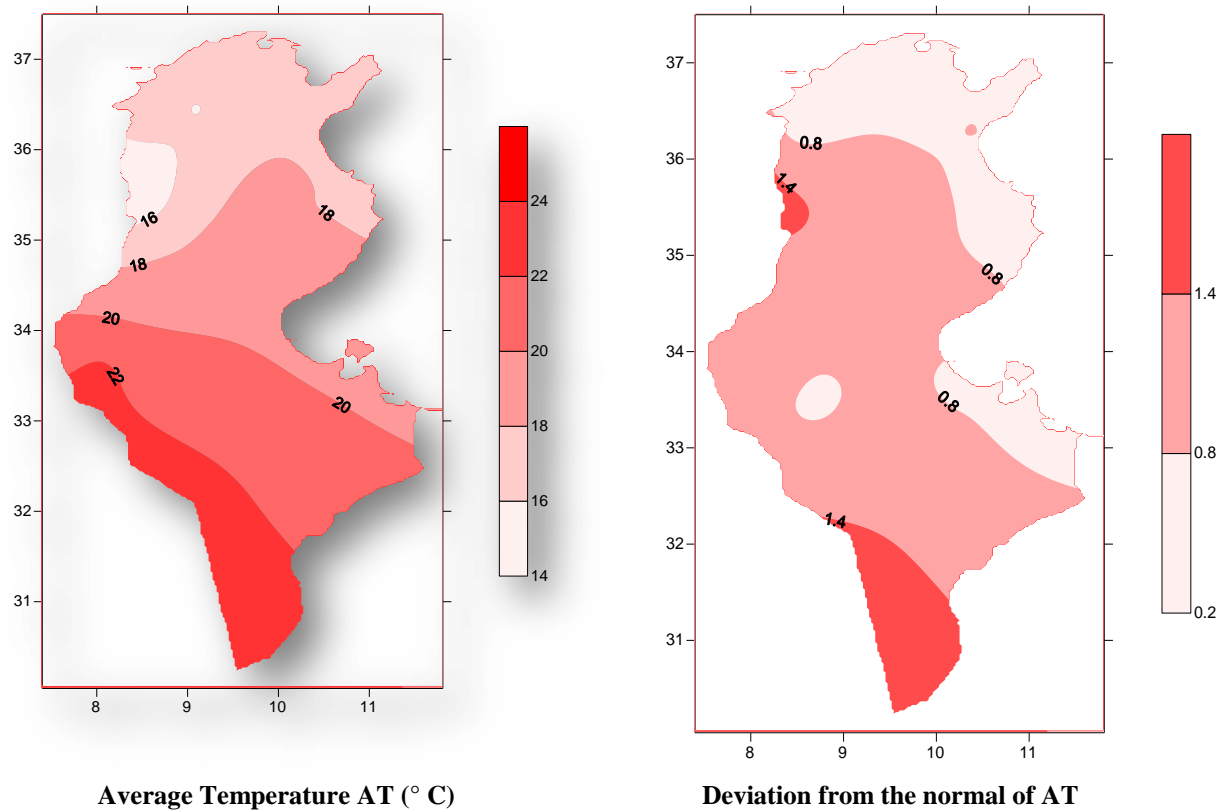


Evolution of daily temperatures compared to the normal for the Spring 2021

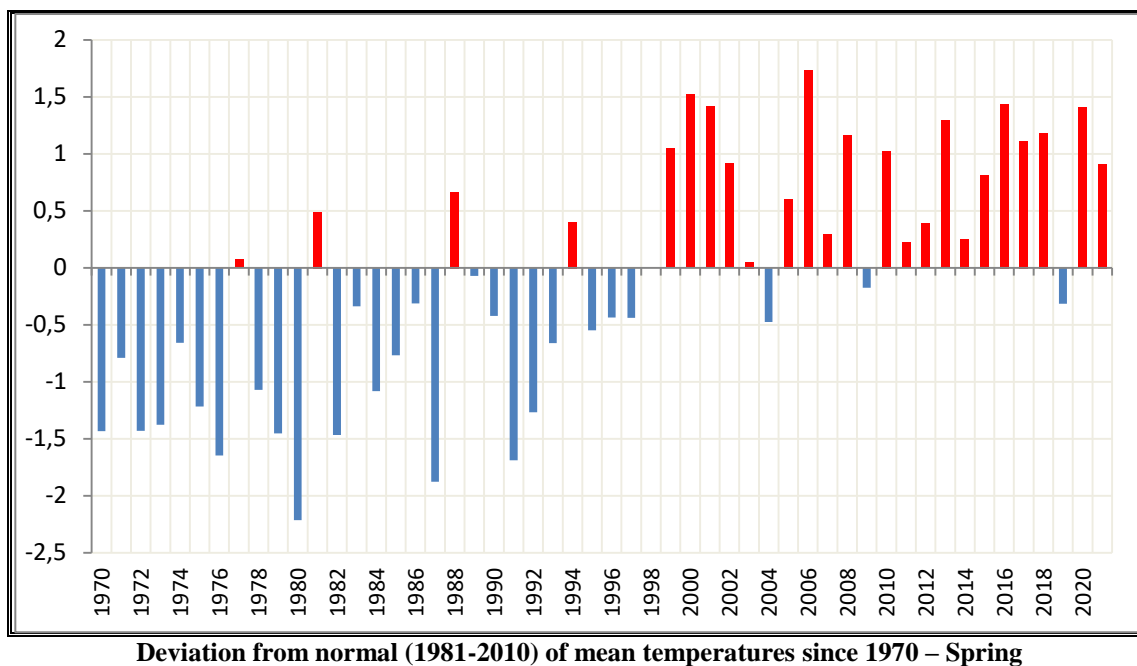
Mean temperature

The average temperatures this spring varied between 14.15 ° C in Thala, and 23.40°C in Elborma and they were above normal in all the stations.

The general average reached 18.21°C exceeding the reference average (17.34) of (+ 0.88°C).



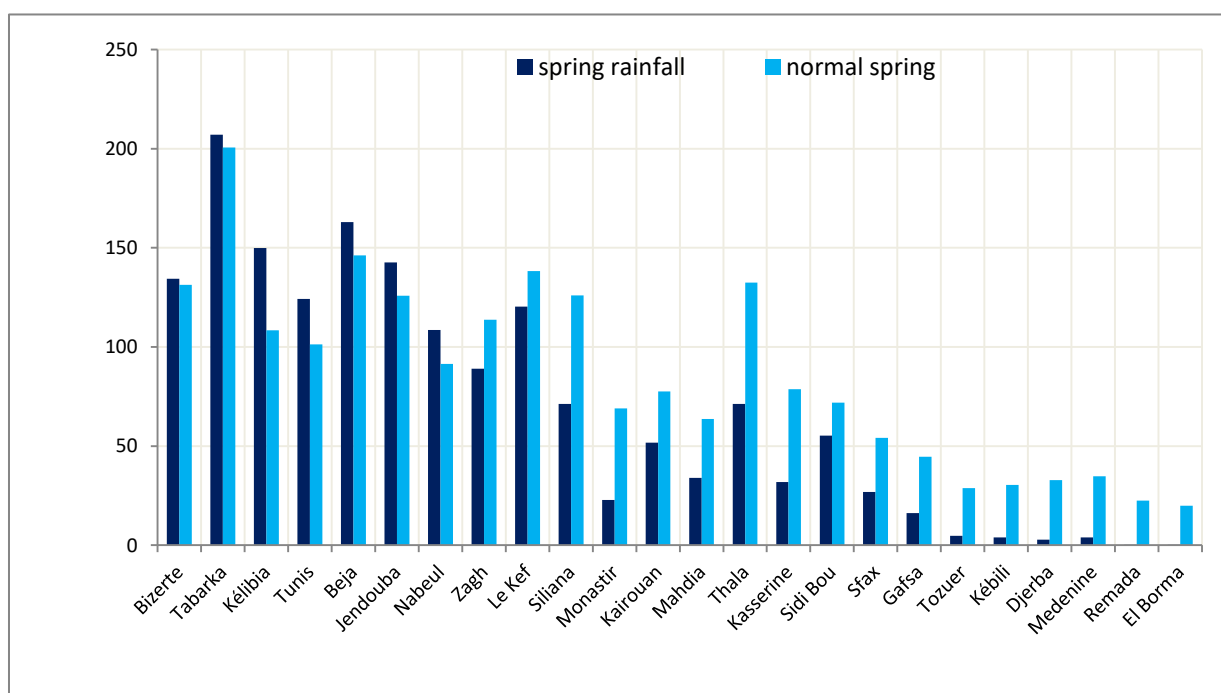
Comparison of average temperatures to normal for the Spring 2021



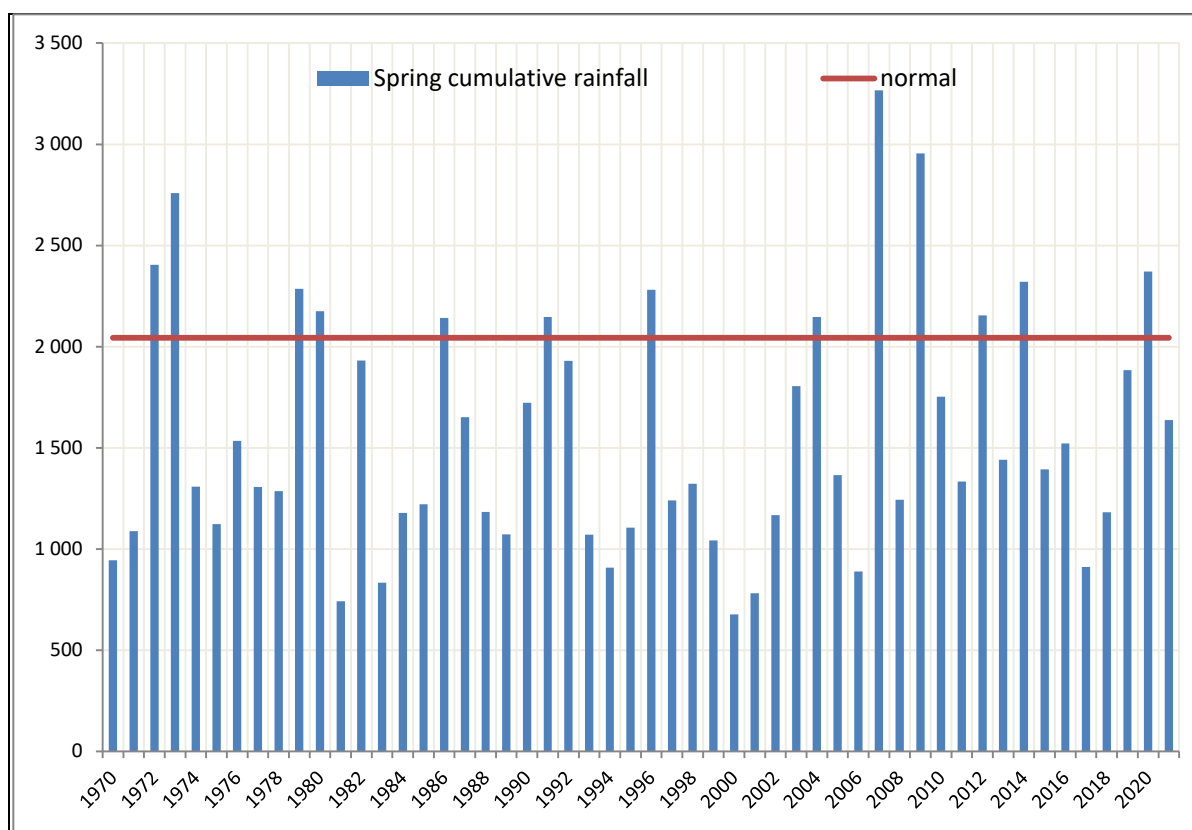
Rainfall:

The total seasonal rainfall of all the main stations reached **1636.30 mm**, it was lower than the reference seasonal accumulation of the same stations (**2044.27 mm**) with a deficit of **20%**.

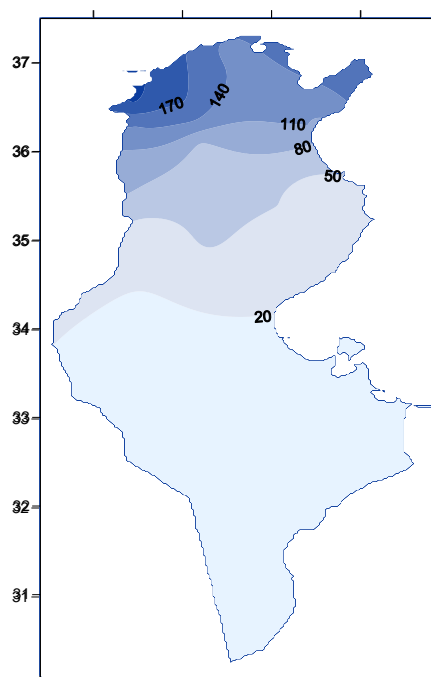
Despite the positive results of most of the northern regions (Bizerte, Tabarka, Kélibia, Tunis, Béja, Jendouba and Nabeul), the deficit affected most of the country because the deficits of the central and southern regions were very significant.



Comparison of seasonal rainfall amounts compared to the reference averages of Spring 2021

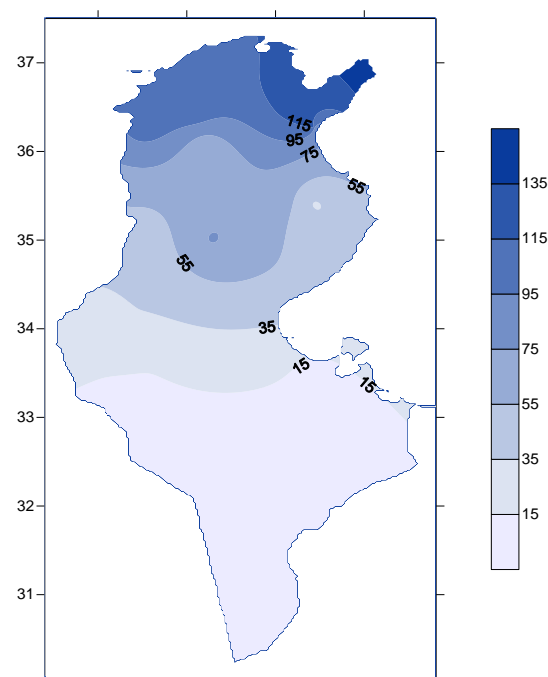


Seasonal rainfall (mm) on Spring in Tunisia since 1970



Seasonal rainfall accumulation (mm)

Spring 2021

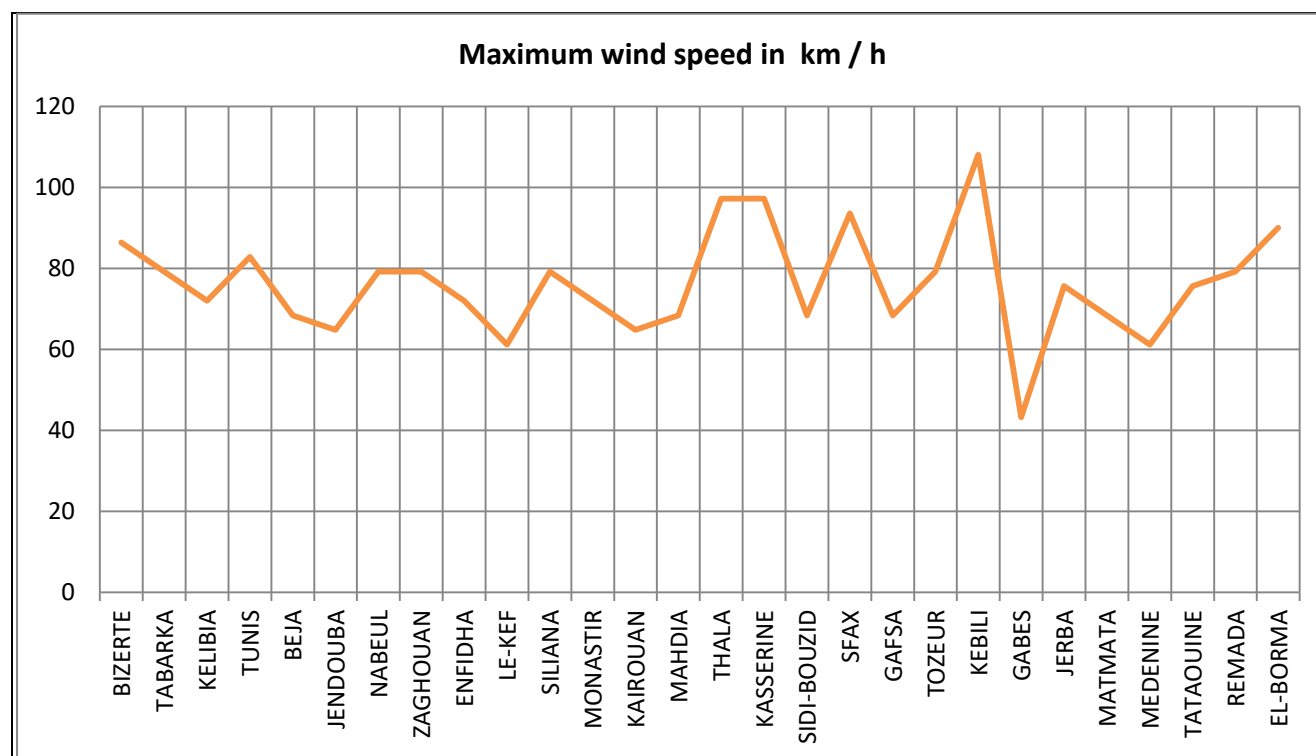


Ratio to normal (%)

The winds :

In Tunisia, the spring season is generally characterized by frequent passages of atmospheric disturbances resulting from the concentration of Saharan Low pressure in the south on the one hand and other Low pressure in the western Mediterranean basin, which contributes to the blast of strong to strong winds. , especially in coastal areas, mountainous areas and the south, where sand and dust are raised.

On the spring of 2021, winds were generally moderate to relatively strong, but their speed intensified on certain days and exceeded 60 km / h in most areas, with the exception of the city of Gabes. The top speed was **108 km / h** in Kebili on April 15, 2021.



As for the number of days when the wind speed exceeded (60 km / h), it was relatively low in most regions, except in Tozeur and Kebili, where it reached 30 days in Tozeur and **47 days in Kebili**.

