

## Monthly Climatological Bulletin

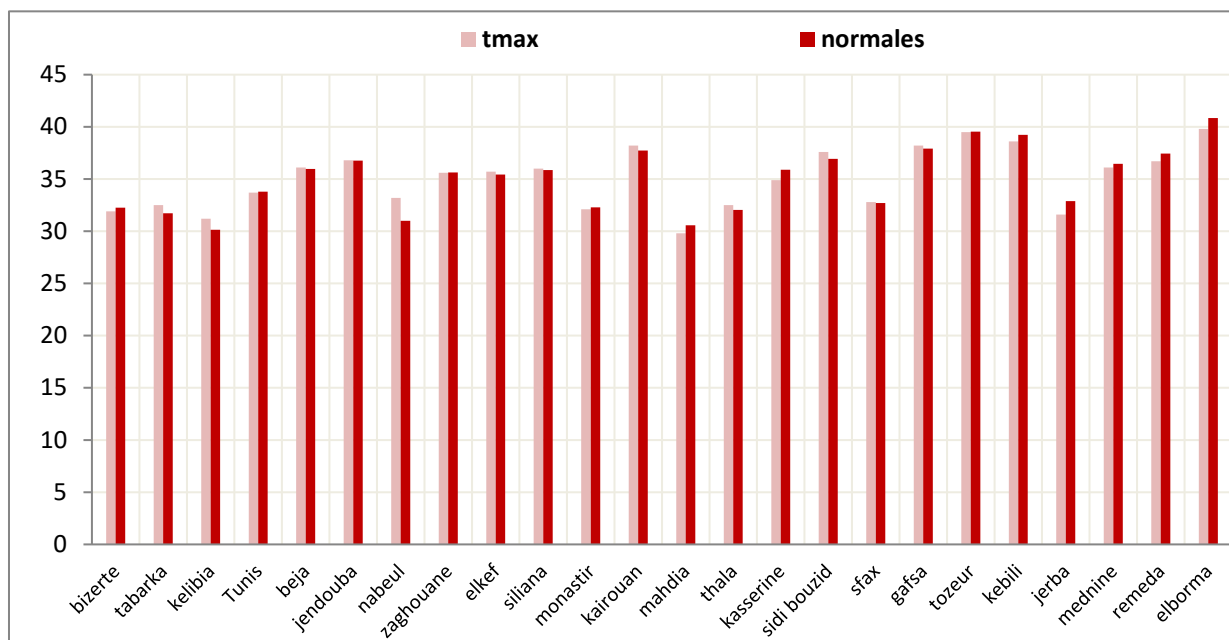
July 2020

July 2020 was marked by a relatively high temperature compared to the reference norms\* for the month. The average temperature at all approved main stations \*\* was 28.5 ° C and exceeded the global average by 0.35 ° C.

Regarding the rainfall, despite the varied distribution of rainfall from one region to another, which mainly included high and adjacent areas where thunderstorms formed due to high temperatures during the month of July 2020, the month is considered like a rainy month, and the monthly cumulative reached 119 mm with an excess of 39%.

### Maximum temperature :

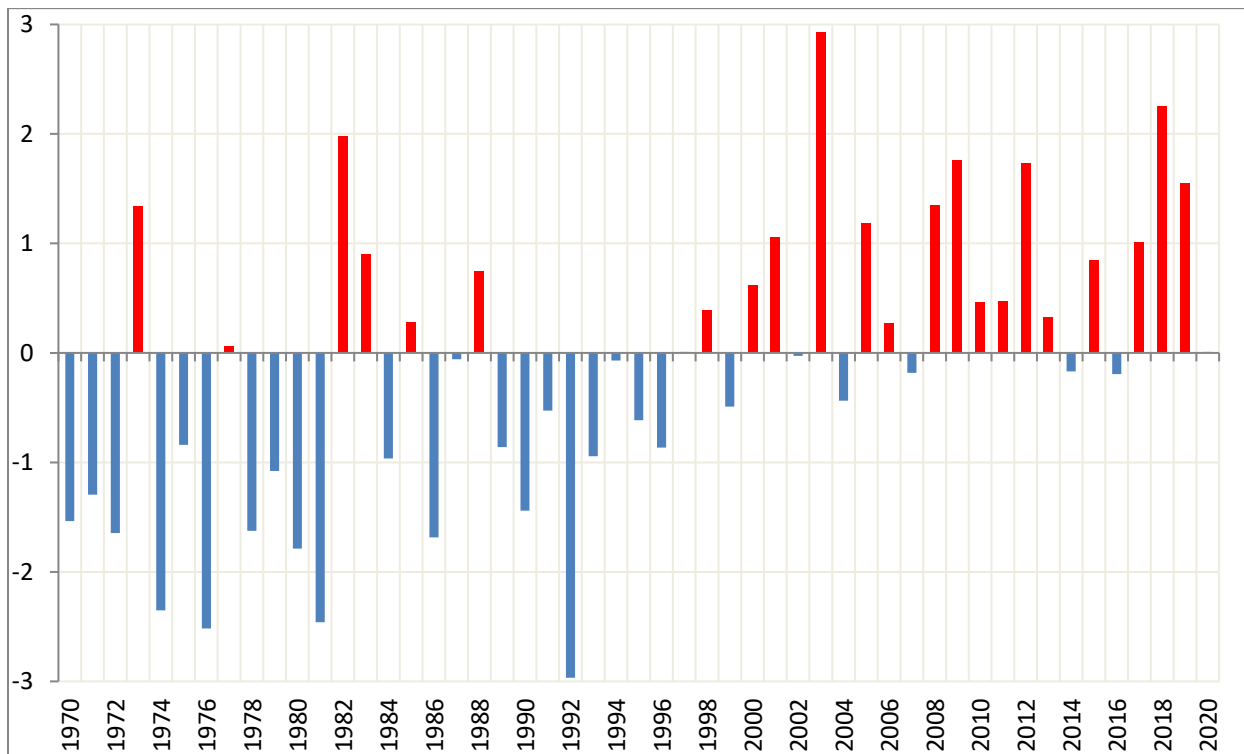
The maximum temperature rates in most regions were close to the reference rates for the month of July, and the general average of maximum temperature was 35.05 degrees, noting that the reference rate is equal to 35.04 degrees.



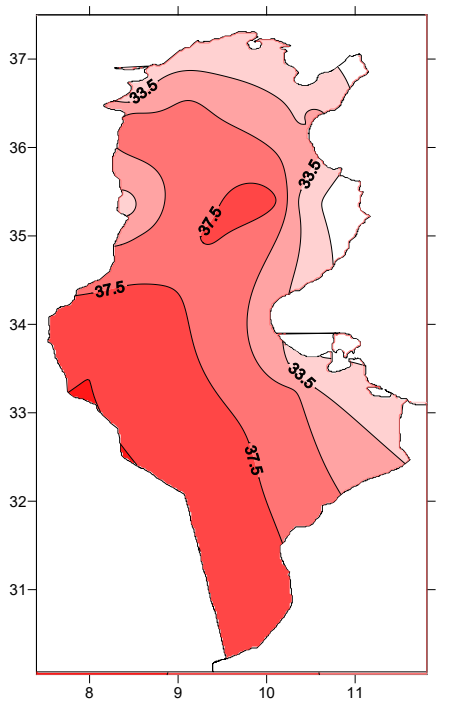
### Comparison of maximum and normal temperatures for the month of July

\* Période de référence pour juillet (1981-2010)

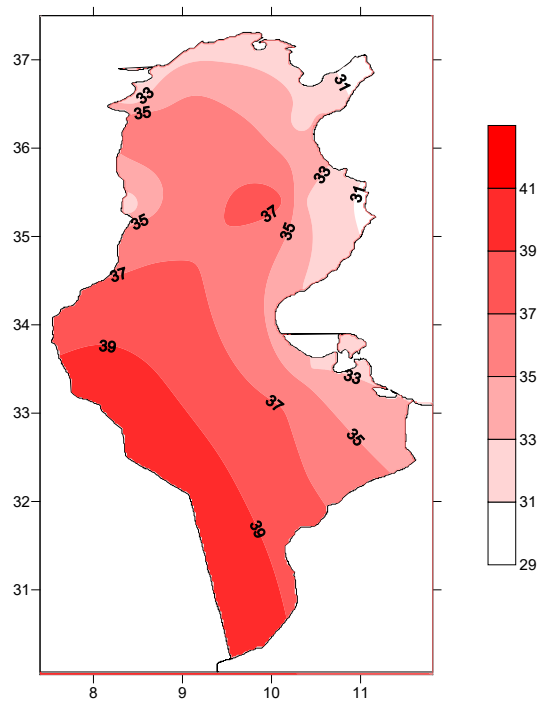
\*\* Nombre de stations principales: 24 stations



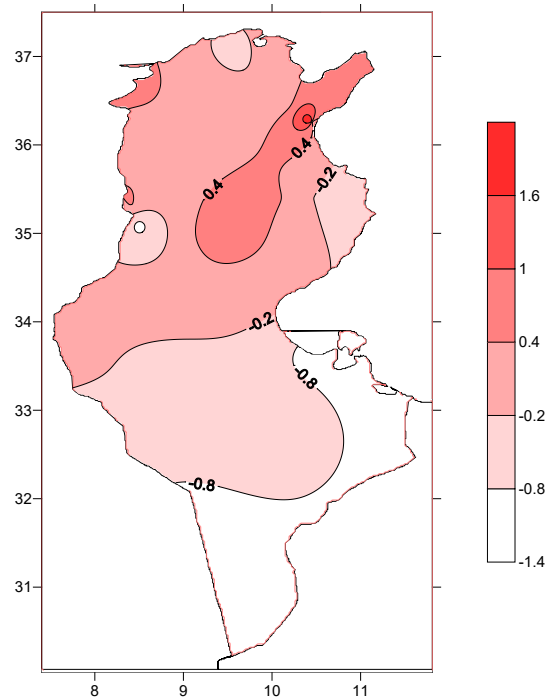
*Maximum temperature deviation from (1981-2010) normal  
over the last 50 years: Month of July*



*Maximum temperature in (°C)*



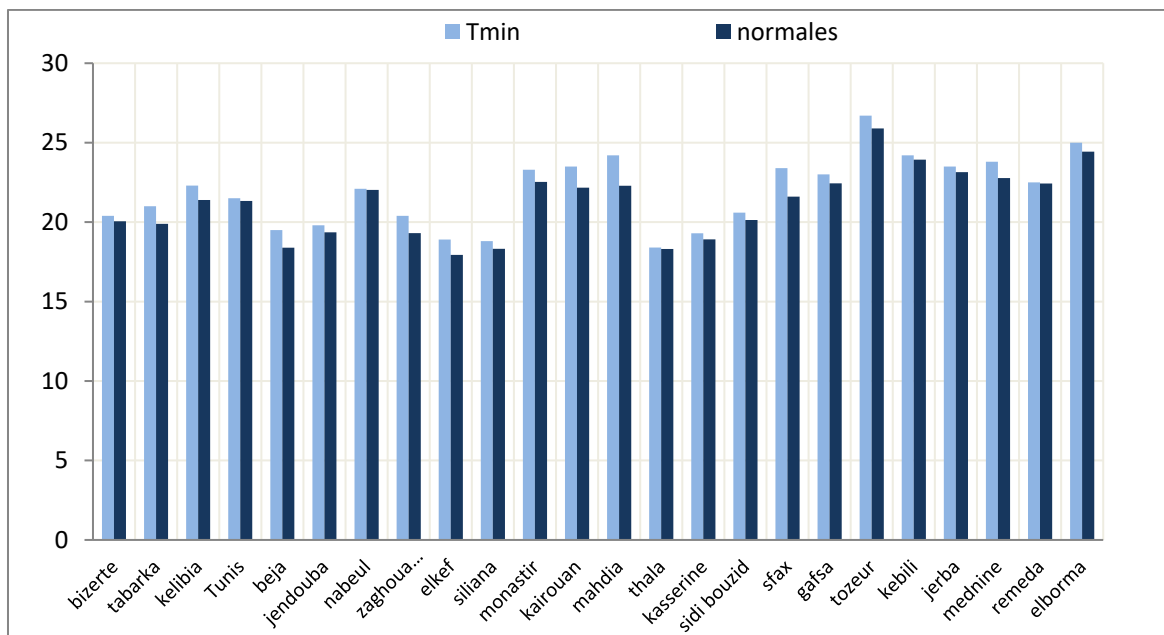
*Deviation from normal of Tmax in (°C)*



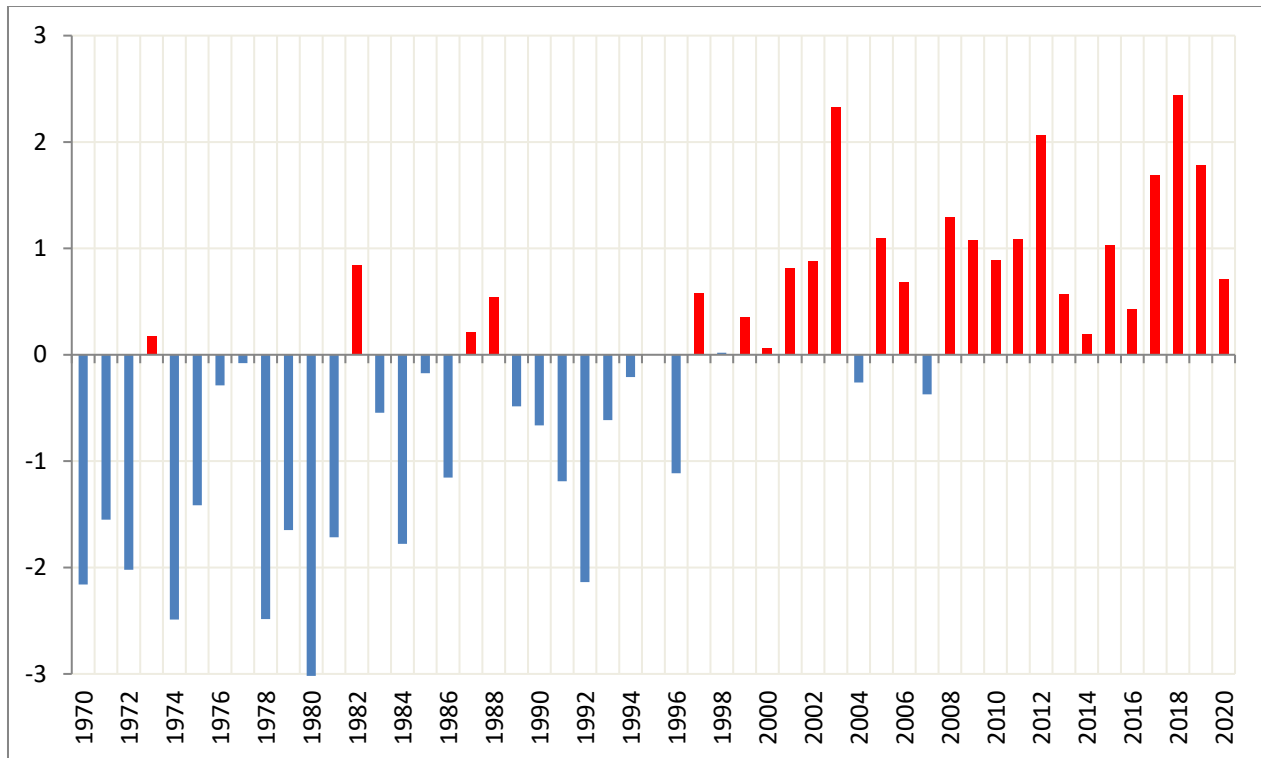
Deviation from normal of Tmax in (° C)

Minimum temperature :

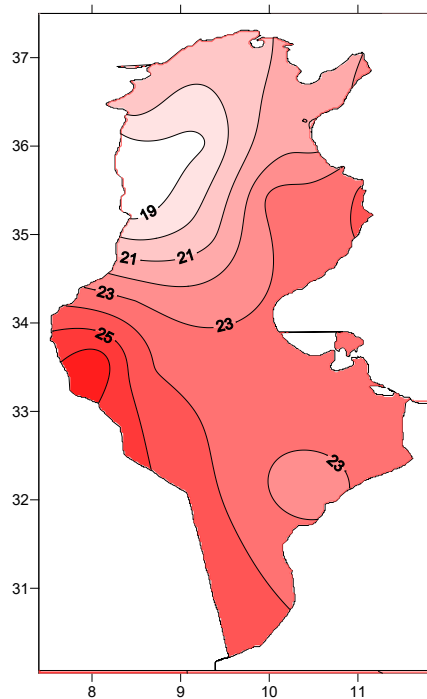
The minimum temperatures in July (21.92 ° C) were above normal (21.21 ° C) in all the stations. On average throughout Tunisia, minimum temperatures exceeded normal by + 0.71 ° C.



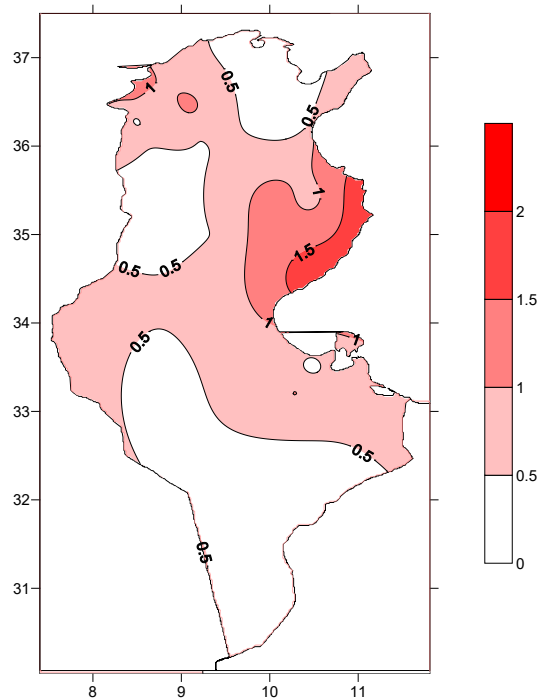
Comparison of minimum temperatures (July 2020) and normal temperatures for the month of July (1981-2010)



**Minimum temperature deviation from 1981-2010 normal  
over the last 50 years: Month of July**

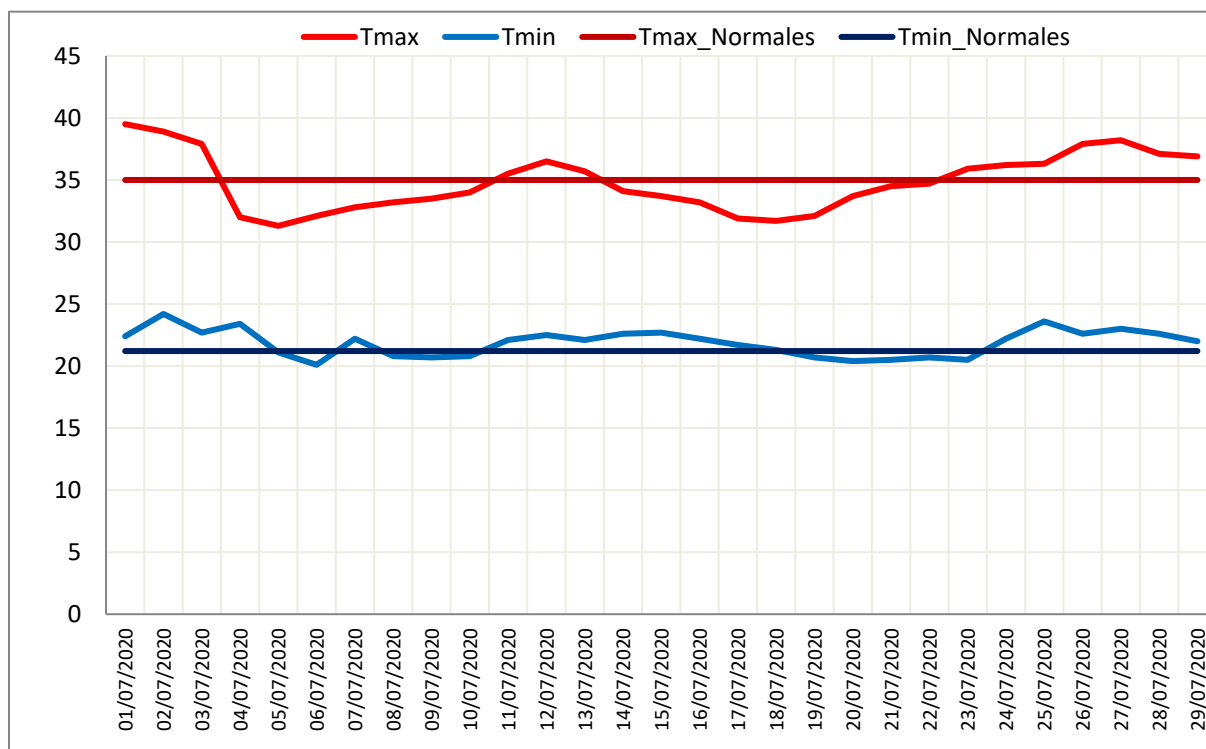


**Minimum temperature in (° C)**



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

- **Daily Evolution of Temperature :**



**Daily maximum and minimum temperatures evolutions in Tunisia  
compared to the normal for the month of July 2020**

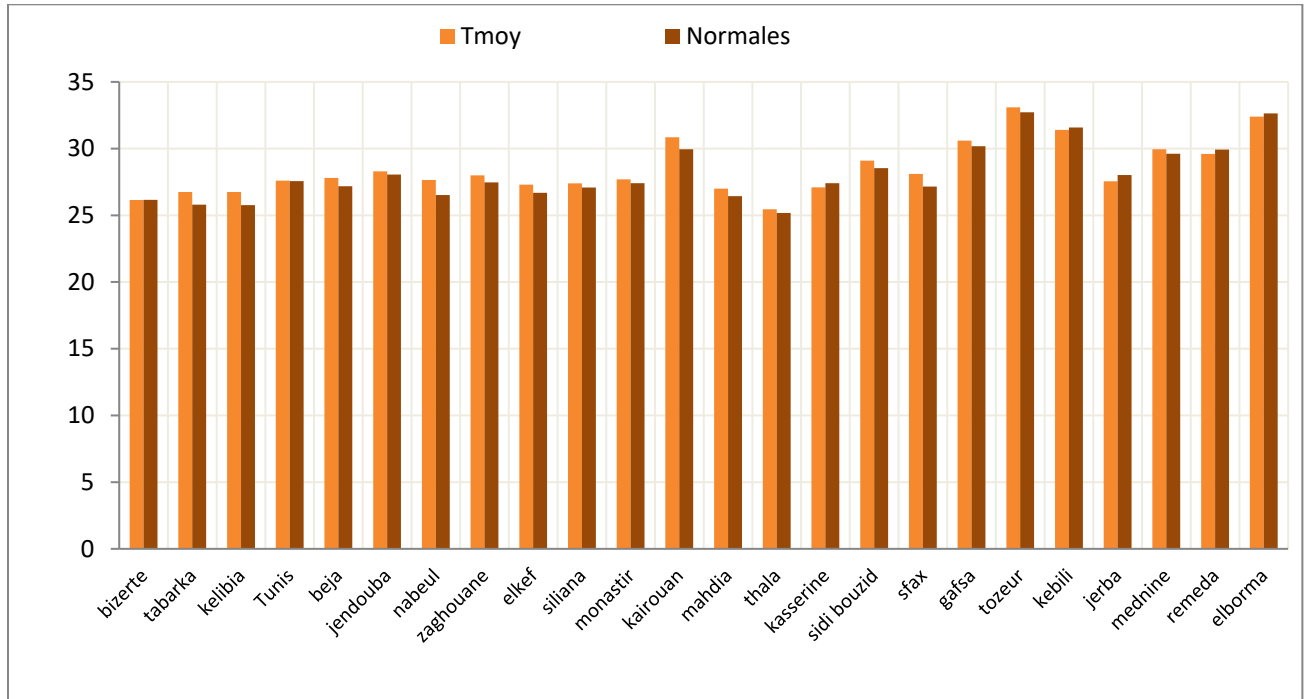
At the start of July 2020, the temperature was high over most areas, both high and low, and slightly above averages. From 04, the temperature remained relatively low until the 23 of the month. However, some days were marked by a relative rise in temperature, temperatures were above reference averages.

As for the end of the month and during the period from 24 to 31 of the month, our country experienced a remarkable rise in temperature, especially during the days of July 30 and 31, when the maximum temperature exceeded the averages with a difference ranging from 4 to 8 ° C in most areas and what increased the feeling of heat even more was the persistence of the high temperature during the night with a very high humidity rate in the coastal areas.

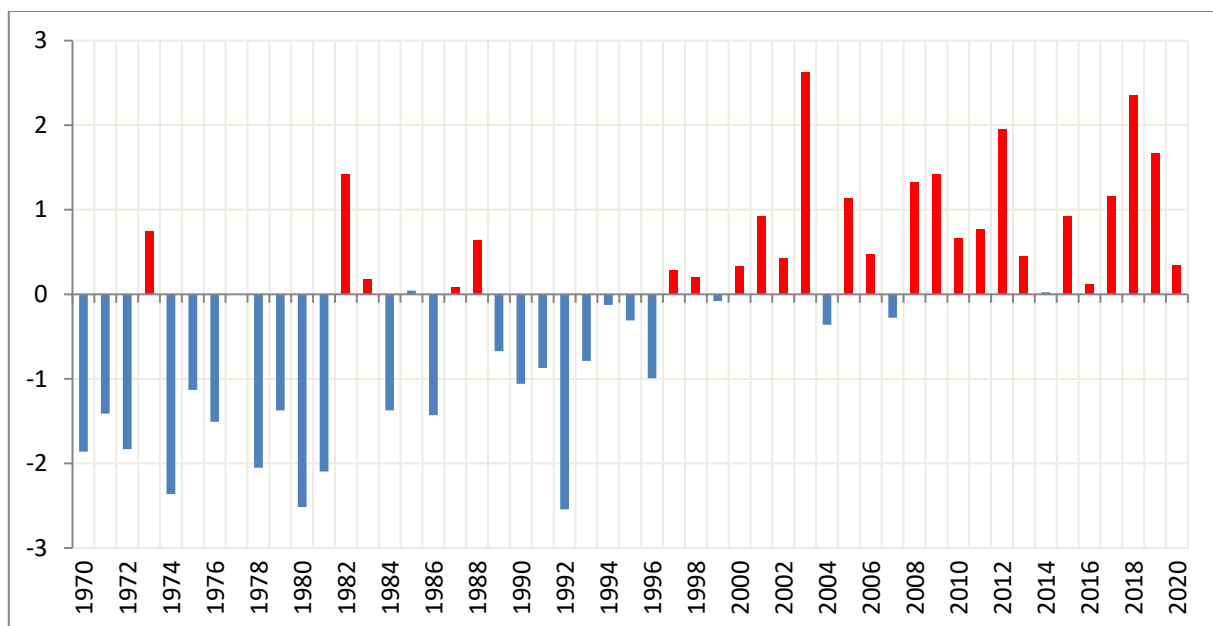
- **Mean temperature :**

Average temperatures were between 25.45 ° C in Thala and 33.10 ° C in Tozeur.

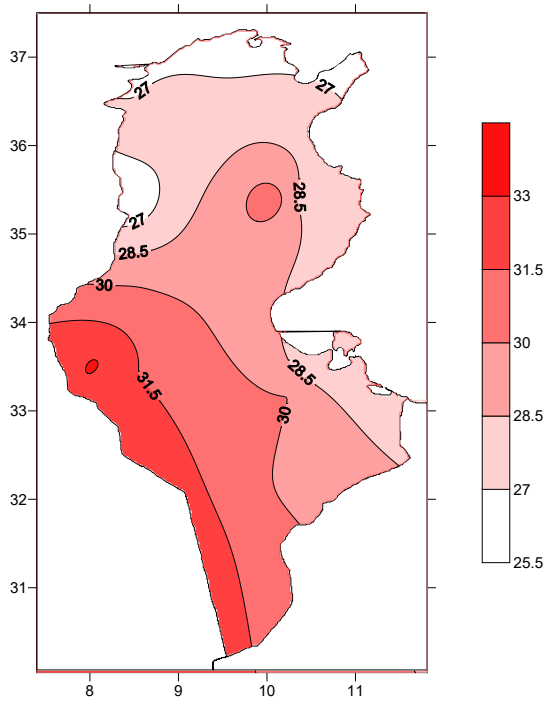
The average temperature across Tunisia of 28.48 ° C was above normal of 0.35 ° C.



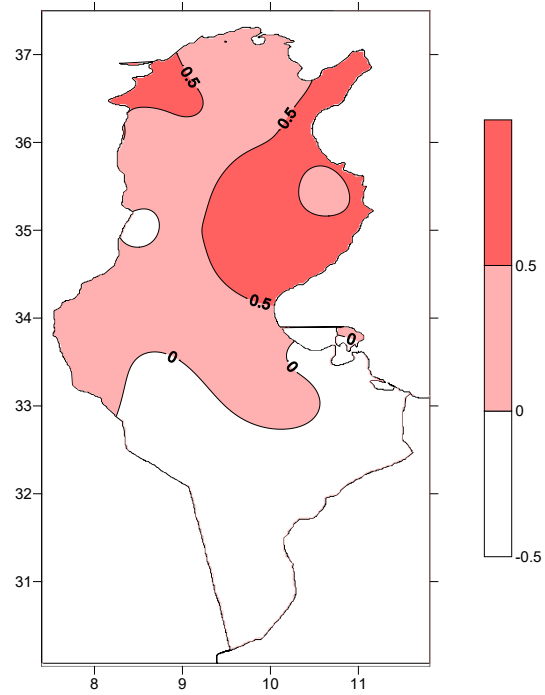
**Comparison of average to normal temperatures for the month of July**



**Average temperature deviation from 1981-2010 normal  
over the last 50 years: Month of July**

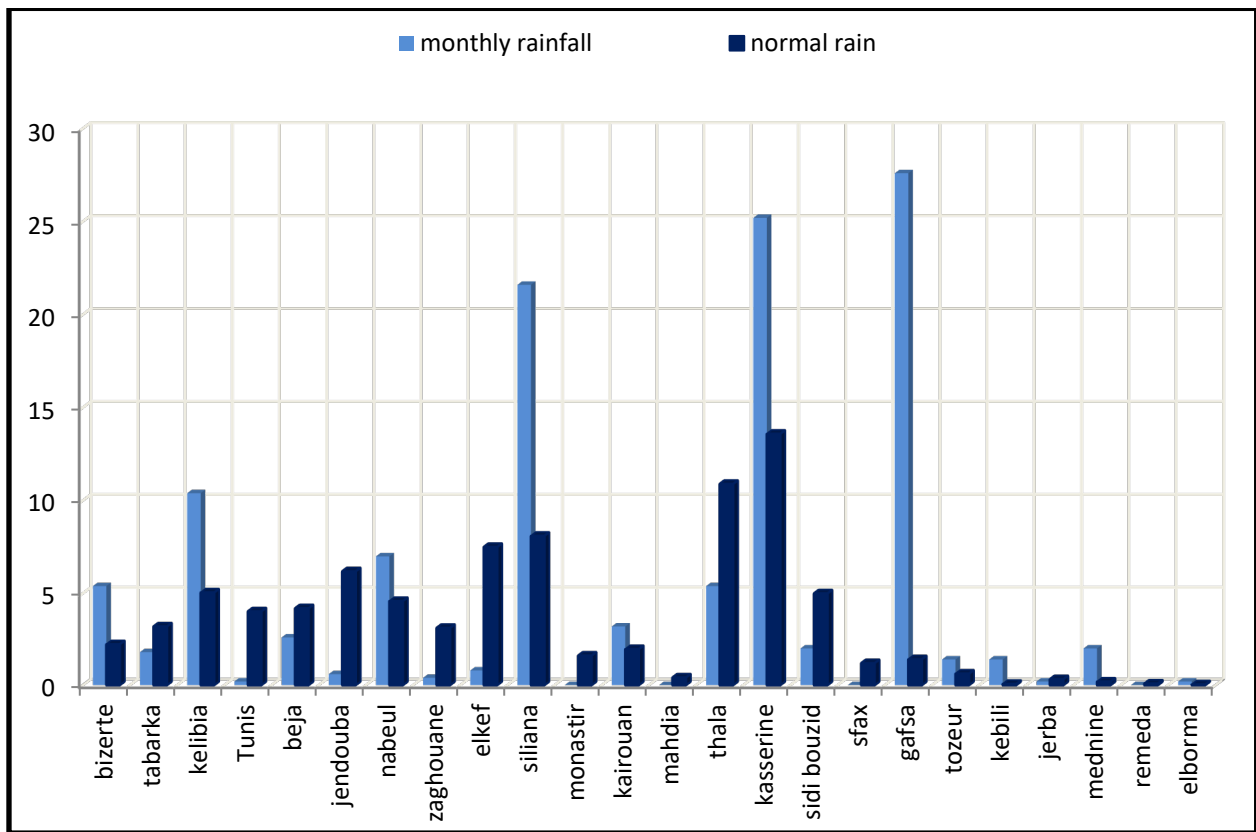


Mean temperature (°C)

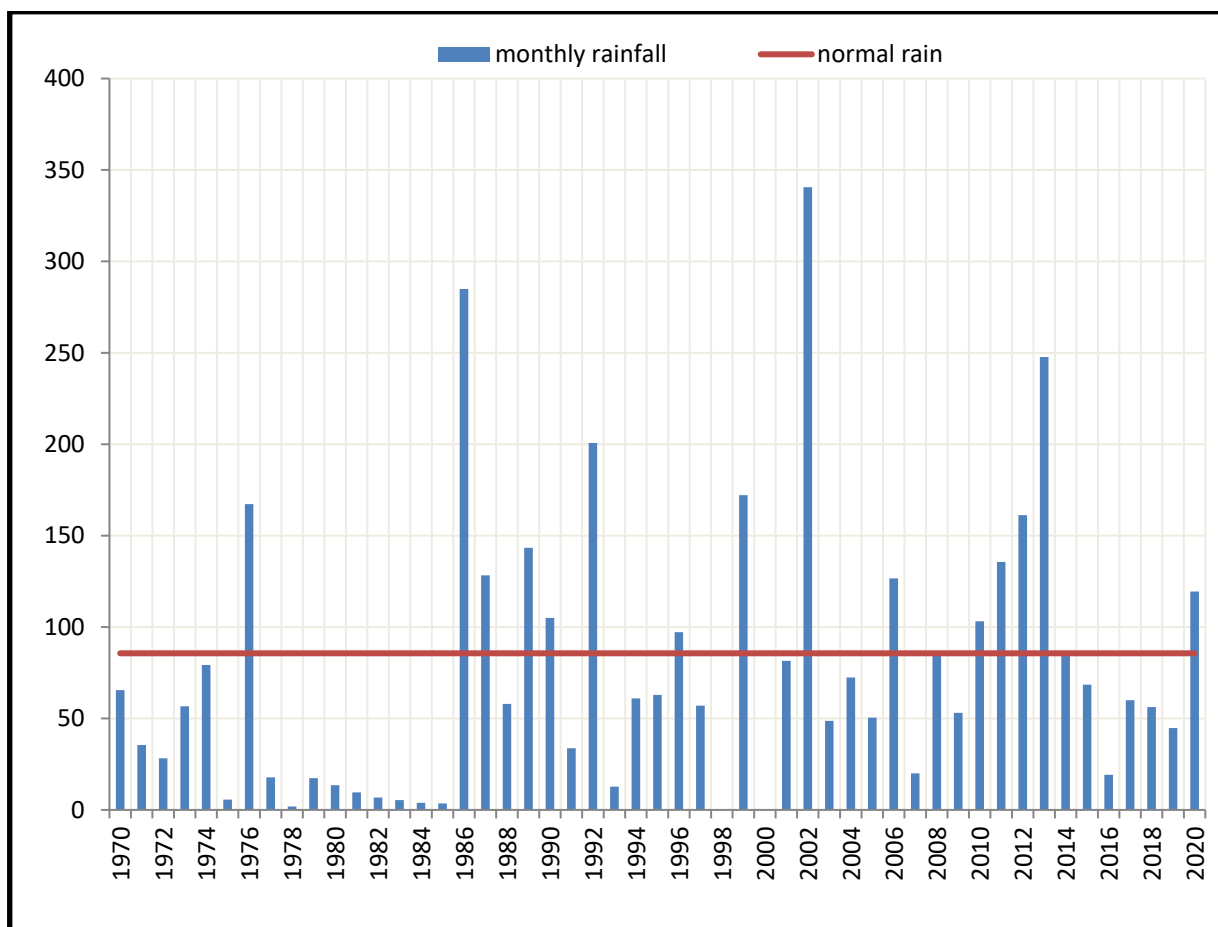


Deviation from the normal of Tmoy

**Rainfall :**



Comparison of monthly rainfall against *the reference averages of the accumulations*

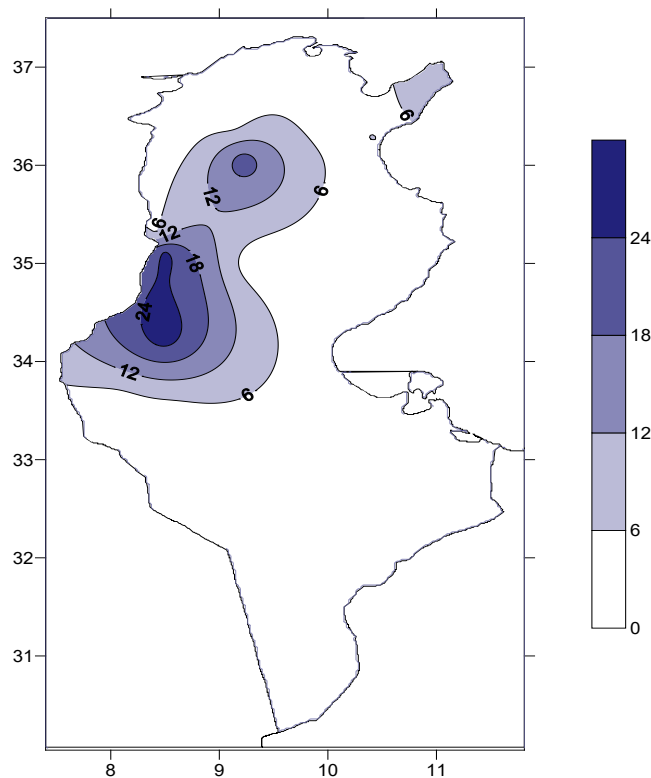


**Monthly rainfall over the past 50 years  
on Tunisia: month of July**

July of this year was marked by unstable weather conditions. Stormy episodes accompanied by heavy local rains affected the high and adjacent areas, due to the relief and high temperatures, in particular on July 18, we recorded in Gafsa 27.6 mm in a very short period of time and this is a new record for the daily cumulative rainfall in Gafsa since 1970.

Despite the variation in the rainfall distribution from region to region and the lack of rainfall in some regions, the month is considered rainy, and the monthly total reached 119 mm, while the average monthly reference for the same stations was 86 mm with a surplus of 39%.



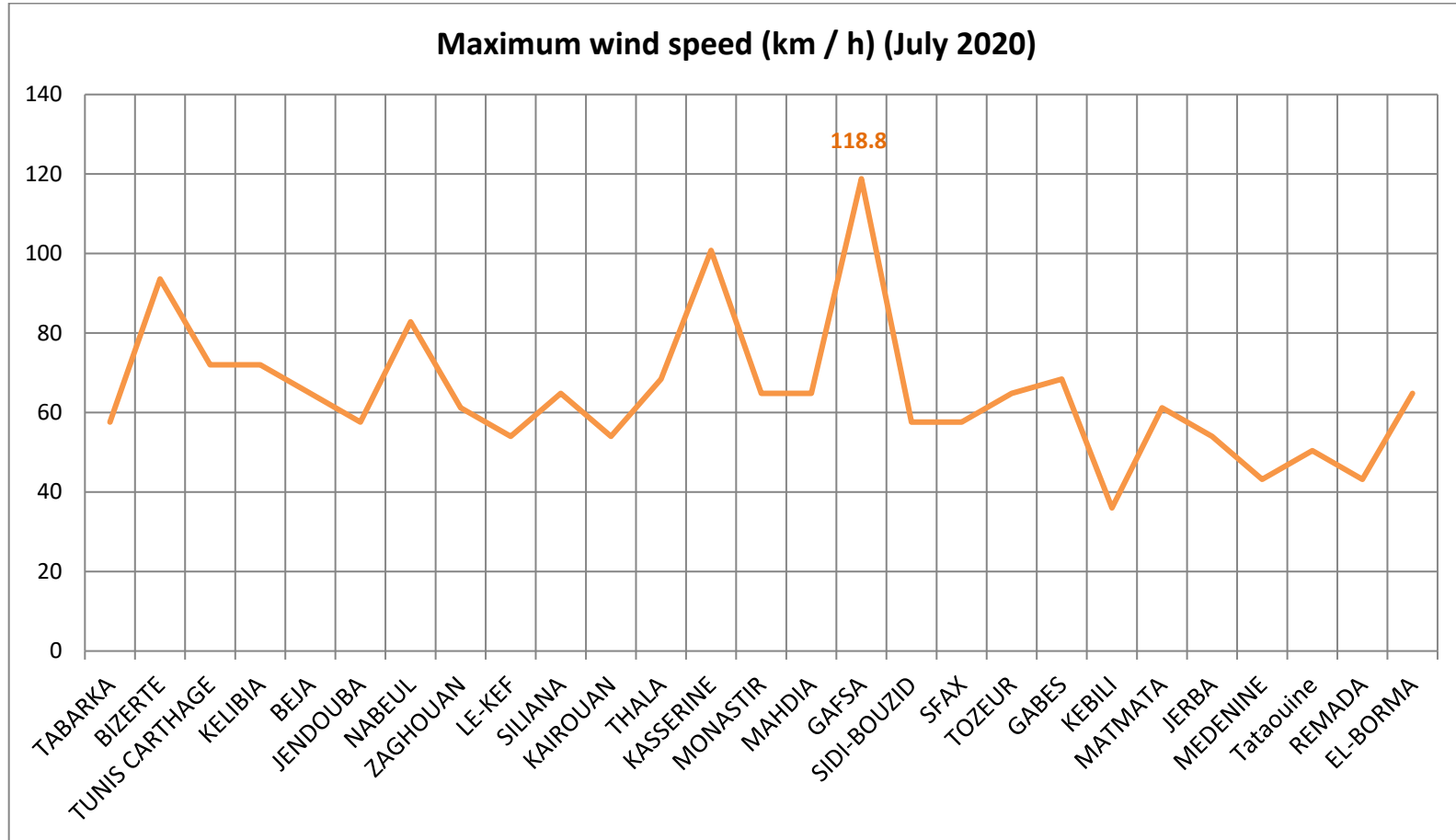


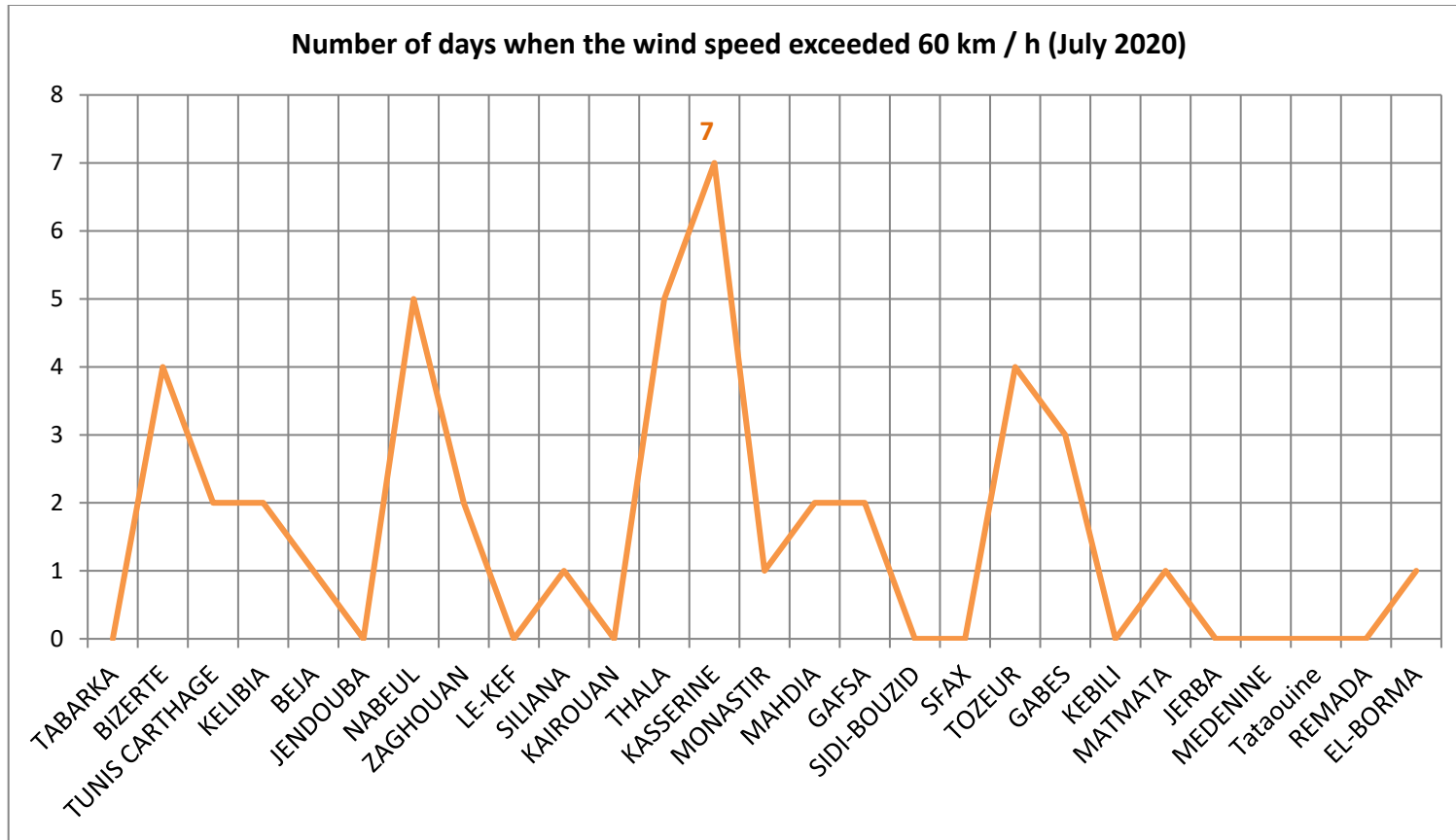
Monthly rainfall (mm) July 2020

### The winds :

The winds were moderate to fairly strong, and their speed increased during the period July 3-7 in the northern and central regions, and reached a maximum of 72 km / h in Tunis and Cap-Bon on July 7, and ranged from 58 to 68 km / h over the rest of the country, as their speed increased during the period from 13 to 15 in the central-western and southern regions, and reached a maximum of 101 km / h in Kasserine and 68 km / h in Tozeur and Kebili on July 15, 2020. On July 18, the wind speed increased and reached 118.8 km / h in Gafsa and 94 km / h in Bizerte.

It should be noted that the strong winds created sand phenomena in the south of the country.





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