

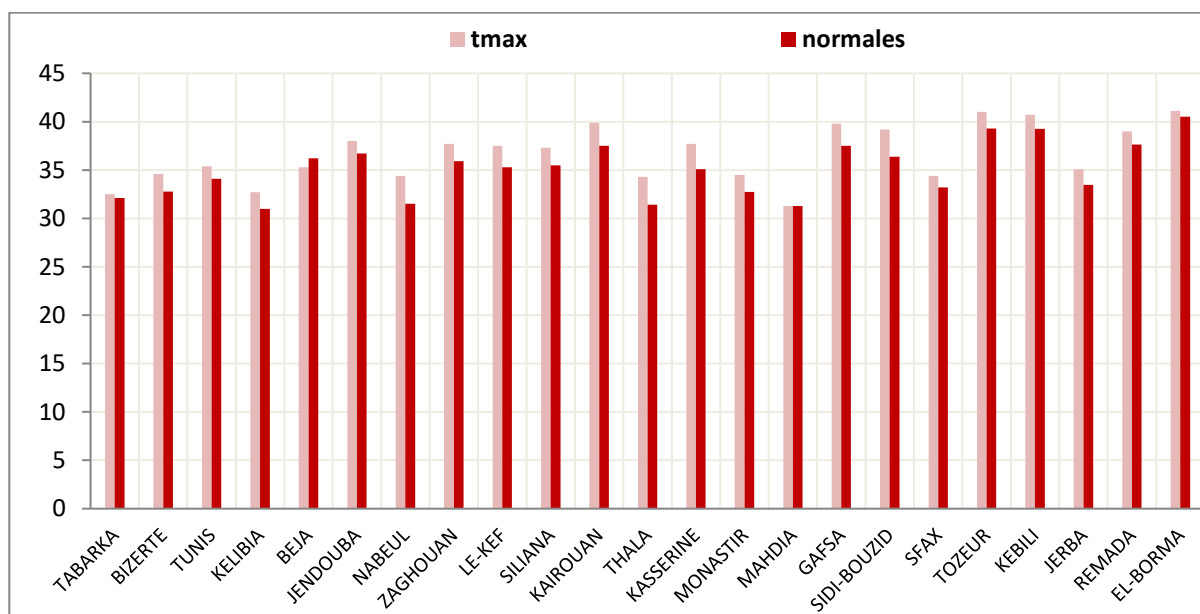
Monthly Climatological Report August 2020

August 2020 was marked by a noticeable rise in temperature, and our country witnessed the emergence of three heat waves, also the average temperature exceeded the reference average by a difference of 1.14 degrees, and a new record for maximum temperature was recorded in Kasserine, reaching 43°C on August 20, 2020. August has been ranked **the 7th hottest** August since 1970.

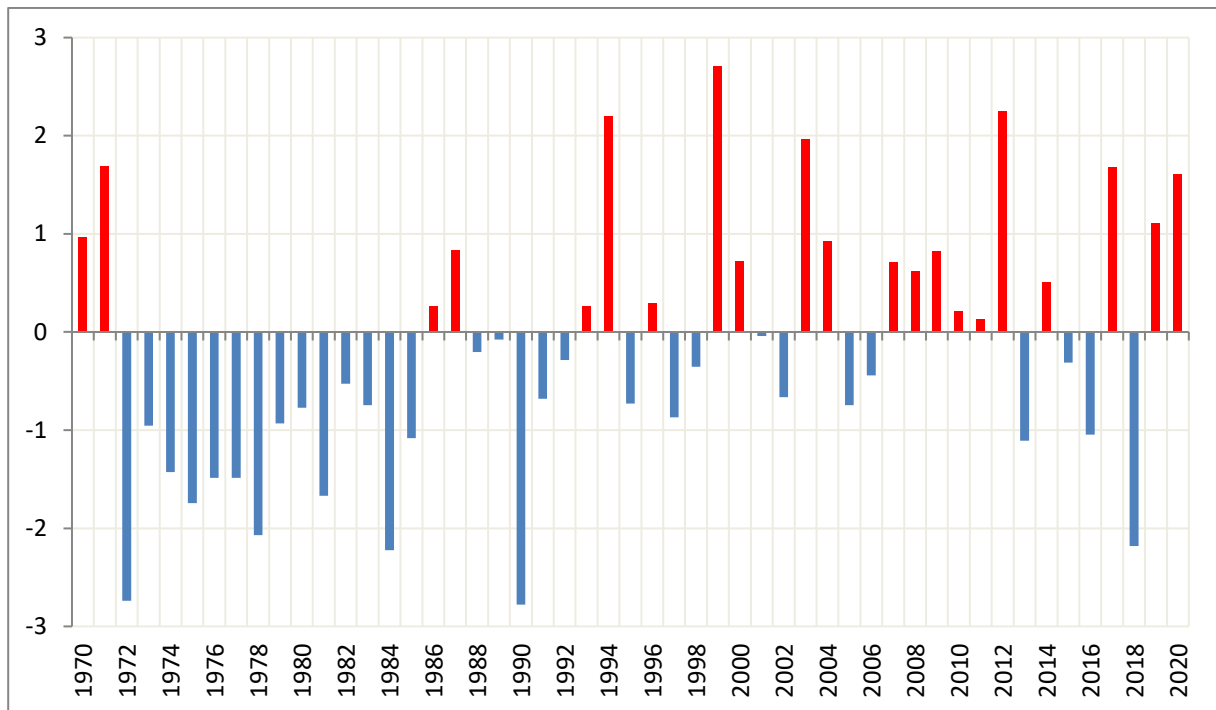
With regard to rain, the decrease in the total monthly rainfall amount was 50%.

Maximum temperature :

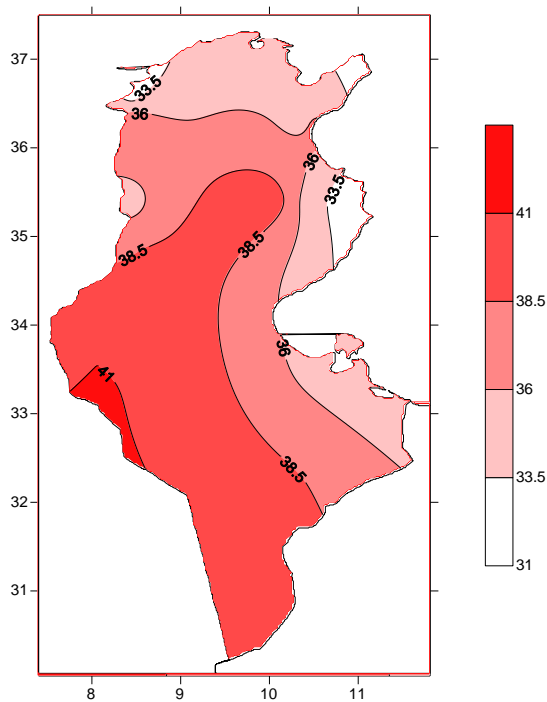
The maximum temperature in August exceeded the reference averages in all stations, except in Beja, where it was below the average by a difference (-0.91°C). The maximum average of temperature reached 36.67 degrees and exceeded the reference average by a difference of 1.61 degrees, as a result, August 2020 has been ranked **seventh** in the hottest month of August since 1970. A new record for maximum temperature was set in Kasserine and it reached 43°C on August 20, 2020. (Last record 42.5°C on August 02, 2005).



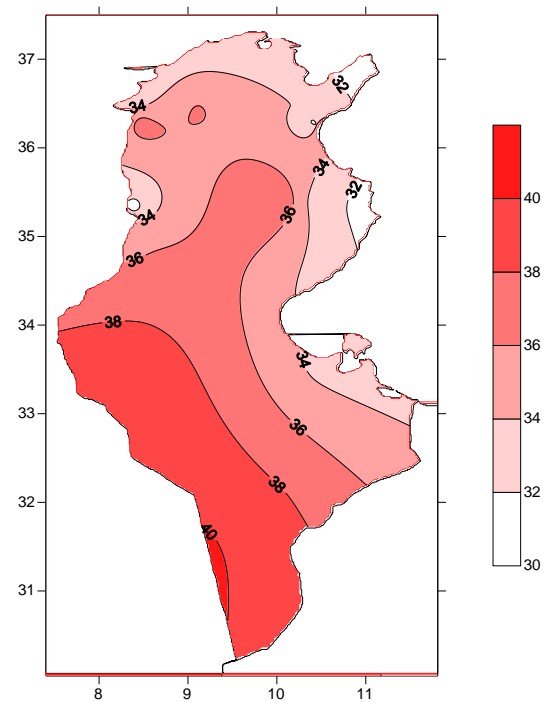
Comparison of maximum temperatures of August with normal (1981-2010)



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



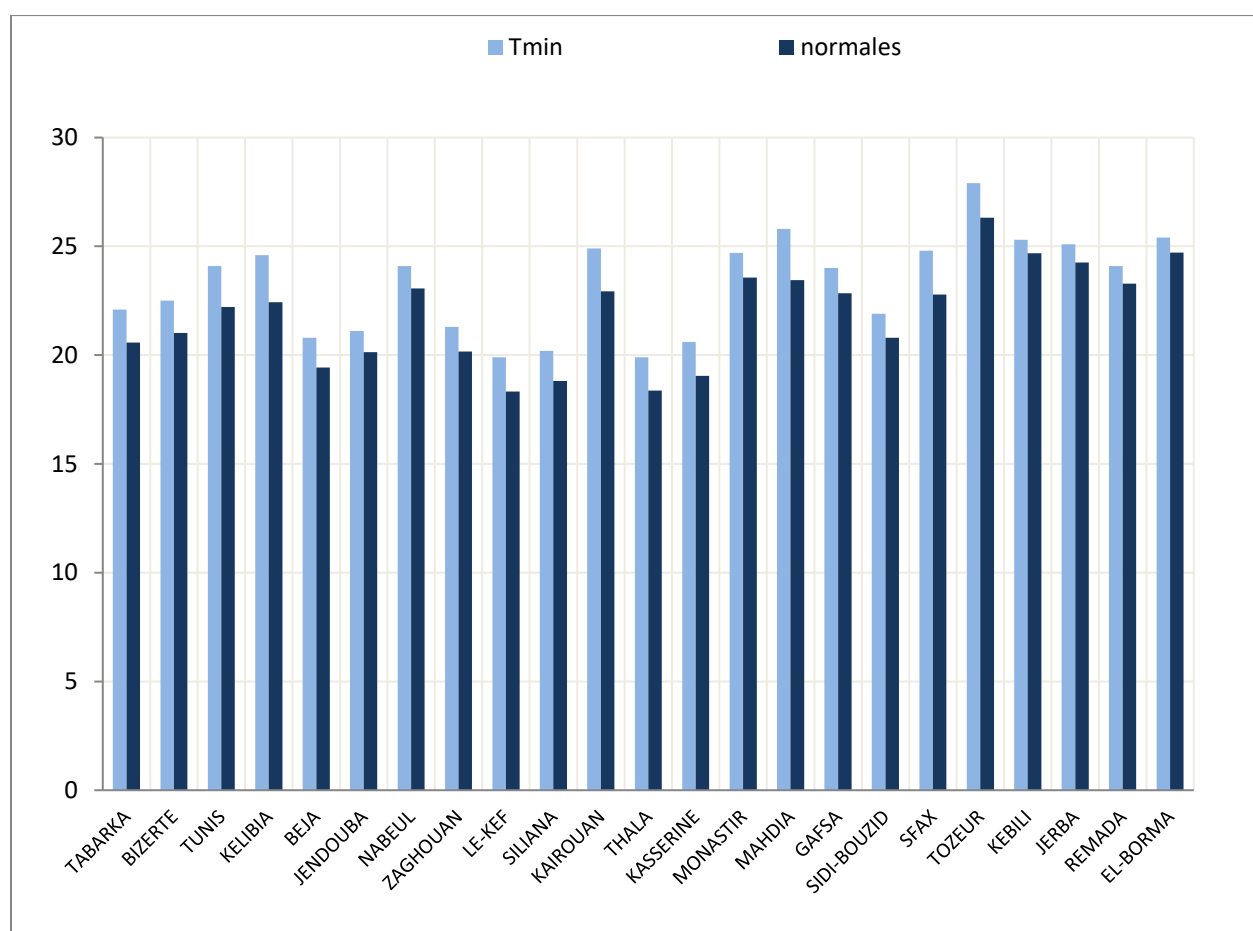
Tmaxi (°C) of August 2020



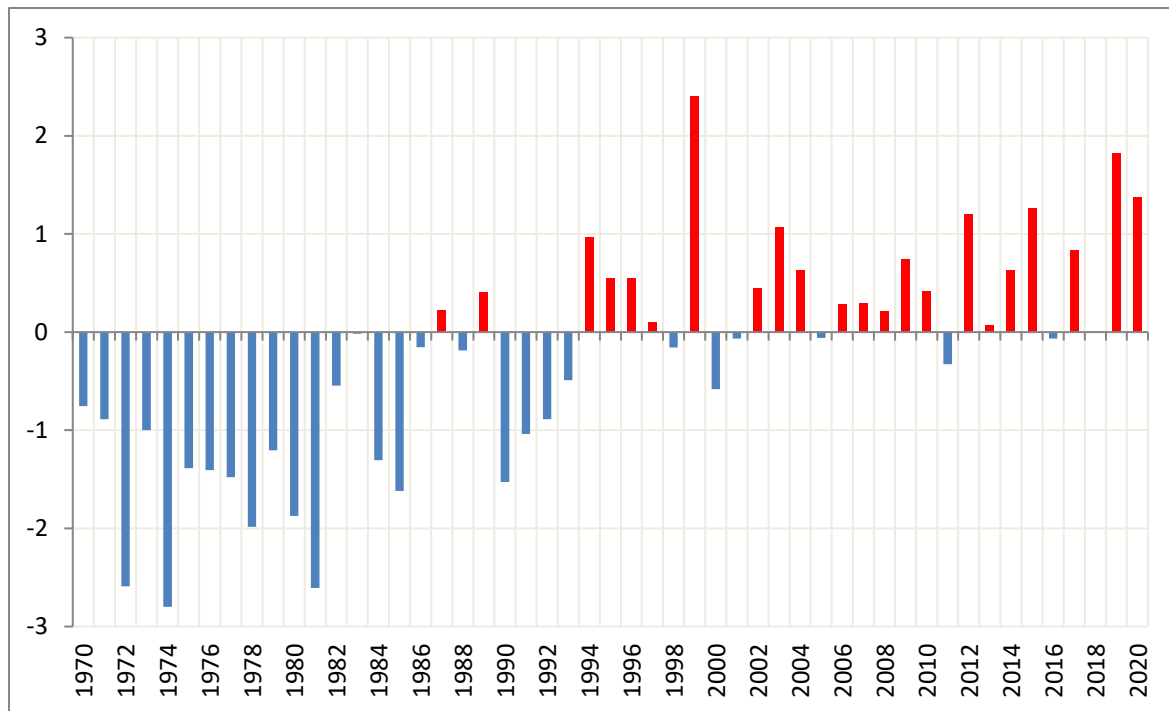
Reference Tmaxi of August (1981-2010)

Minimum temperature :

The minimum average temperature in August of this year was 23.27 degrees, and the benchmark average for the month exceeded (21.9 degrees) in all stations, with a difference of 1.39 degrees. As a consequence therefore, August 2020 has been ranked as the **third** hottest month.

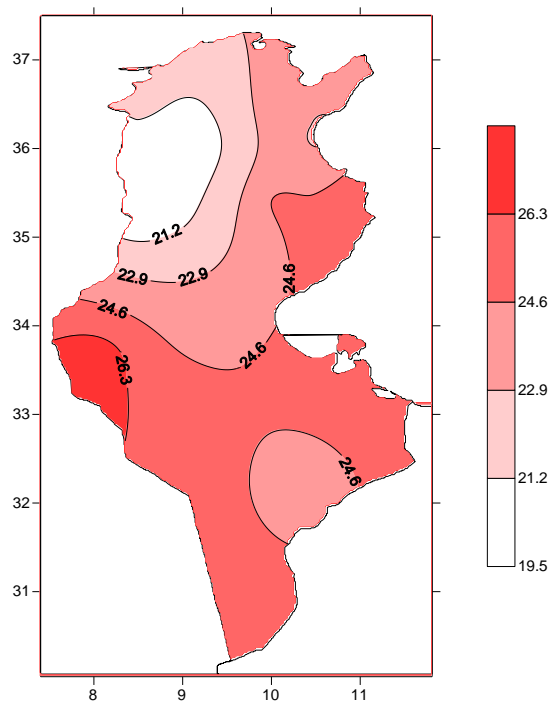


Comparison between minimum and normal temperature of August 2020

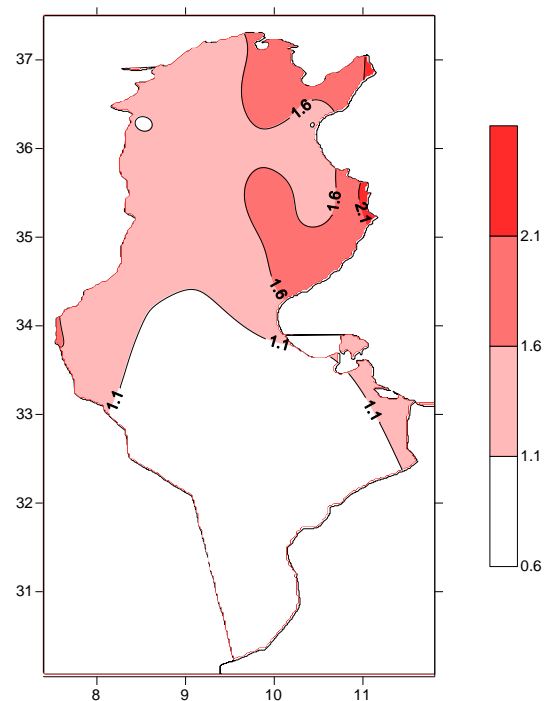


Minimum temperature deviation from (1981-2010) normal

over the last 50 years: Month of August



Minimum temperature (° C)

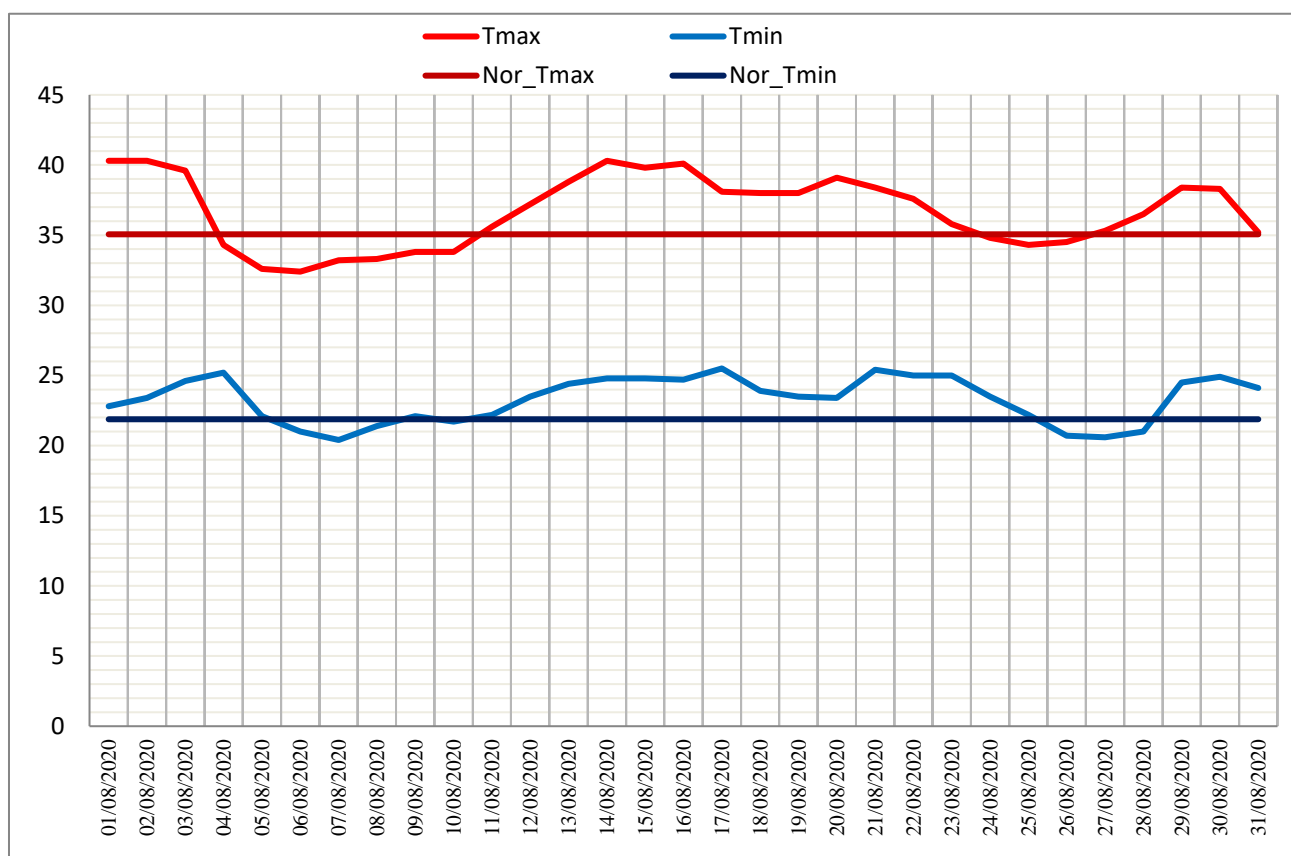


Deviation from normal of Tmin in (° C)

Daily Temperature Evolution :

The beginning of the month August coincided with the heatwave our country experienced at the end of July 2020, even if it was short. From August 4 to 12, the temperature dropped and was just below the average. During the period from the 13th to the 24th of the month, most regions, especially the southern regions, experienced a second heat wave, during which the temperature increased significantly, especially during the night.

At the end of August, the temperature was high with a heat peak affecting most of our regions on the 29th of the month.



*Daily maximum and minimum temperature trends in Tunisia for August 2020
compared to the normal for August (1981-2010)*

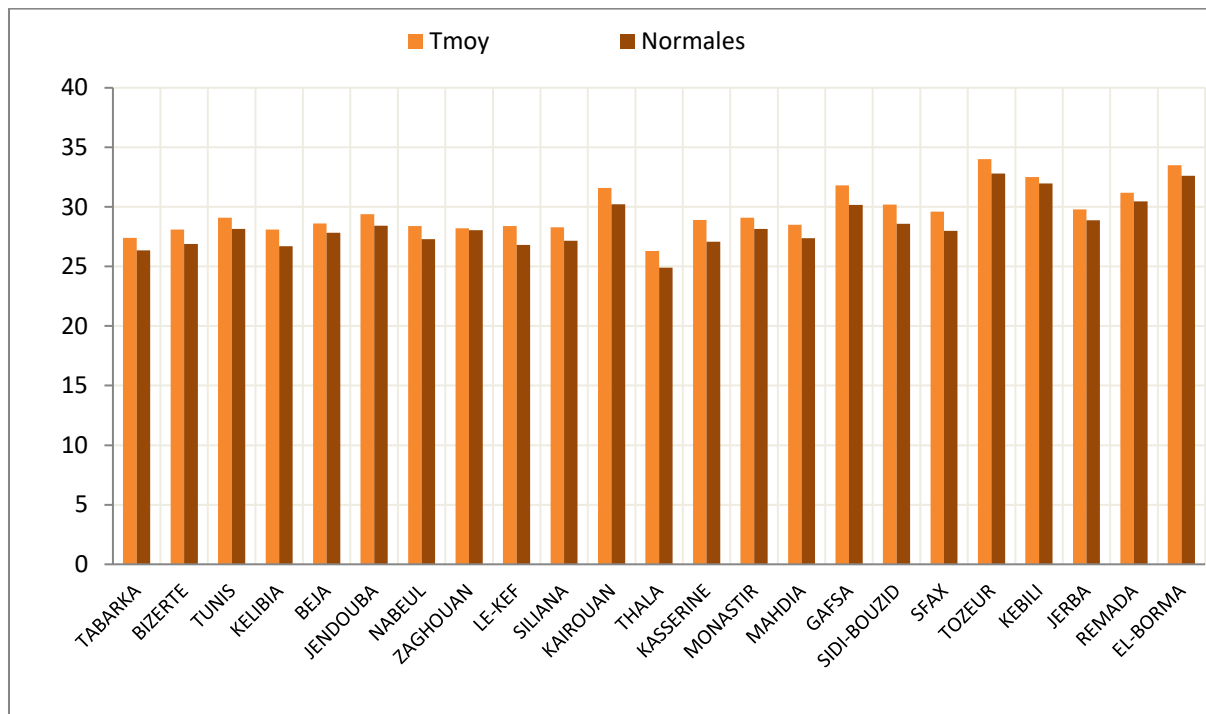
*The absolute maximum temperature and the absolute minimum temperature * recorded
at the main stations during the month of August 2020*

Station	Absolute maximum temperature	Date (August 2020)	Absolute minimum temperature	Date (August 2020)
Tabarka	43.3	20	26.3	12
Bizerte	42.1	13	26.3	23
Tunis Carthage	43.2	14	28.0	29
Kélibia	37.2	3	27.2	14
Béja	43.8	1	24.5	22
Jendouba	45.1	14	24.3	29
Nabeul	40.2	1	27.8	16
Zaghouan-Mograne	44.3	14	25.8	30
Le Kef	42.6	20	24.1	30
Siliana	42.7	16	25.0	30
Kairouan	45.9	16	27.4	15
Thala	40.2	20	25.7	22
Kasserine	43.0	20	25.2	17
Monastir	43.4	16	27.0	4
Mahdia	34.5	1	27.7	17
Gafsa	43.2	3	28.3	4
Sidi Bouzid	43.9	2	25.9	17
Sfax	40.7	15	27.7	15
Tozeur	45.7	3	31.5	17
Kébili	45.6	17	28.5	17
Jerba	43.5	16	28.3	18
Remada	44.7	19	28.7	3
El Borma	45.8	20	29.6	17

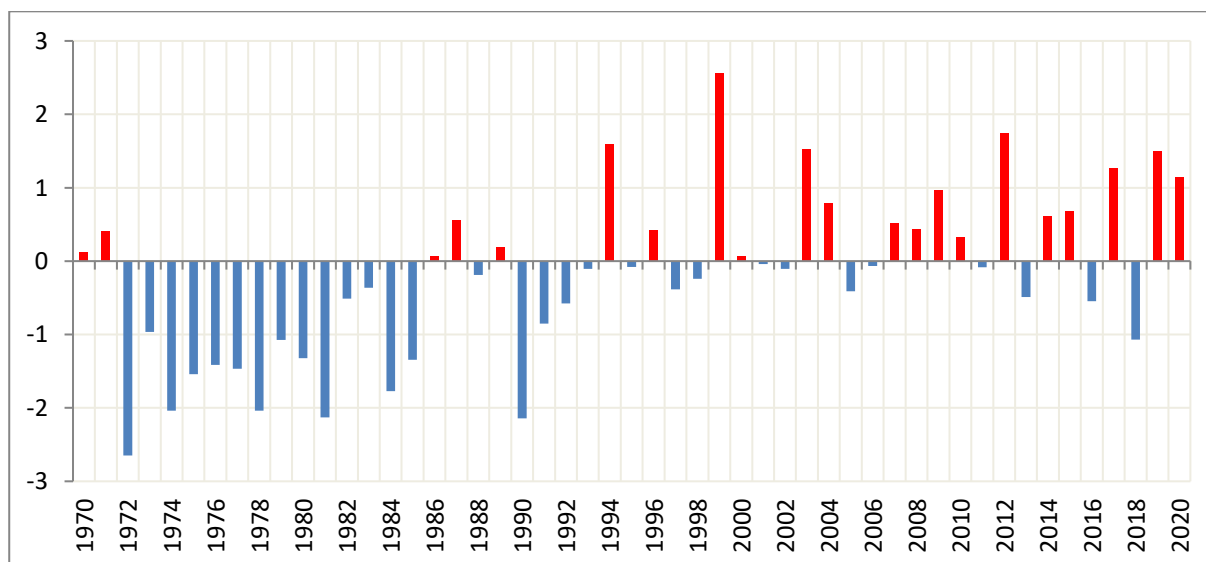
* Absolute minimum temperature: Highest minimum temperature

Mean temperature :

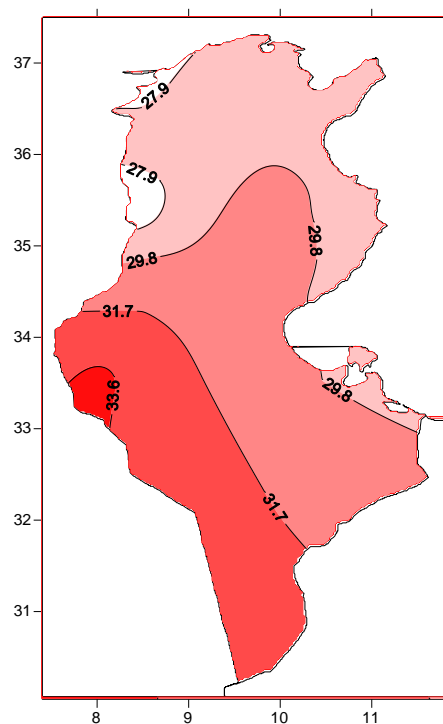
Mean temperatures ranged from 26.30 degrees Celsius in Thala to 34 degrees in Tozeur. The general average mean temperature for all approved stations was 29.61 degrees C, and it was 1.14 degrees on August.



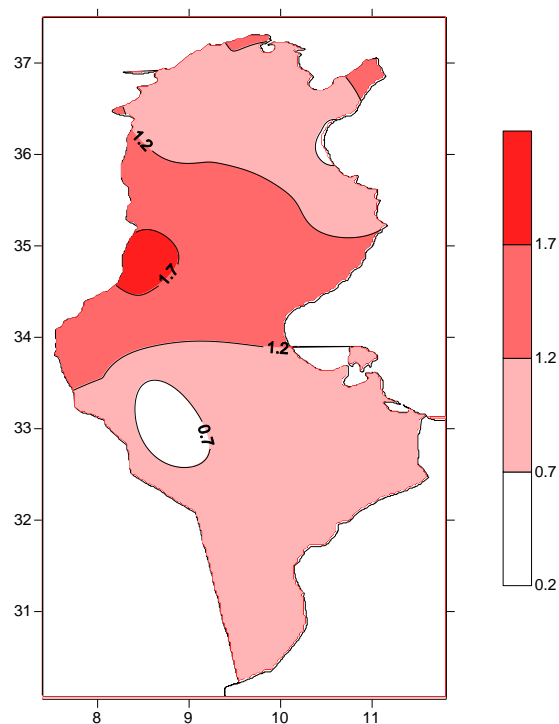
Comparison of average temperatures to normal for August



*Deviation from normal (1981-2010) of mean temperature
over the last 50 years: Month of August*



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

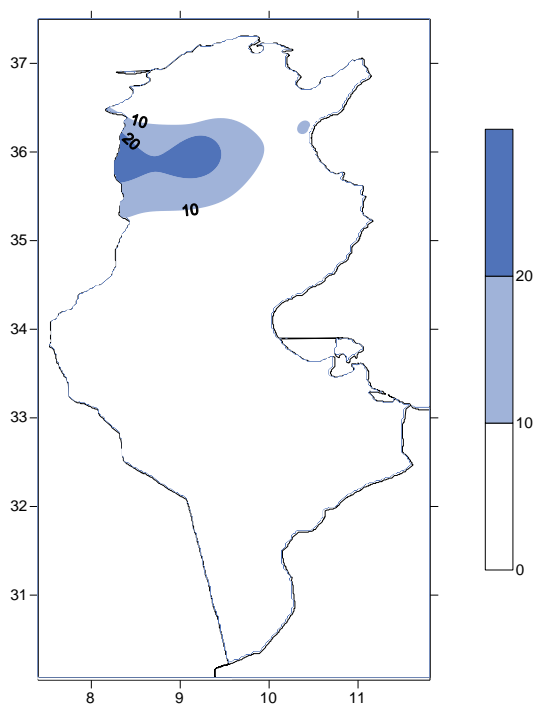


Deviation from the normal of Tmoy ($^{\circ}$ C)

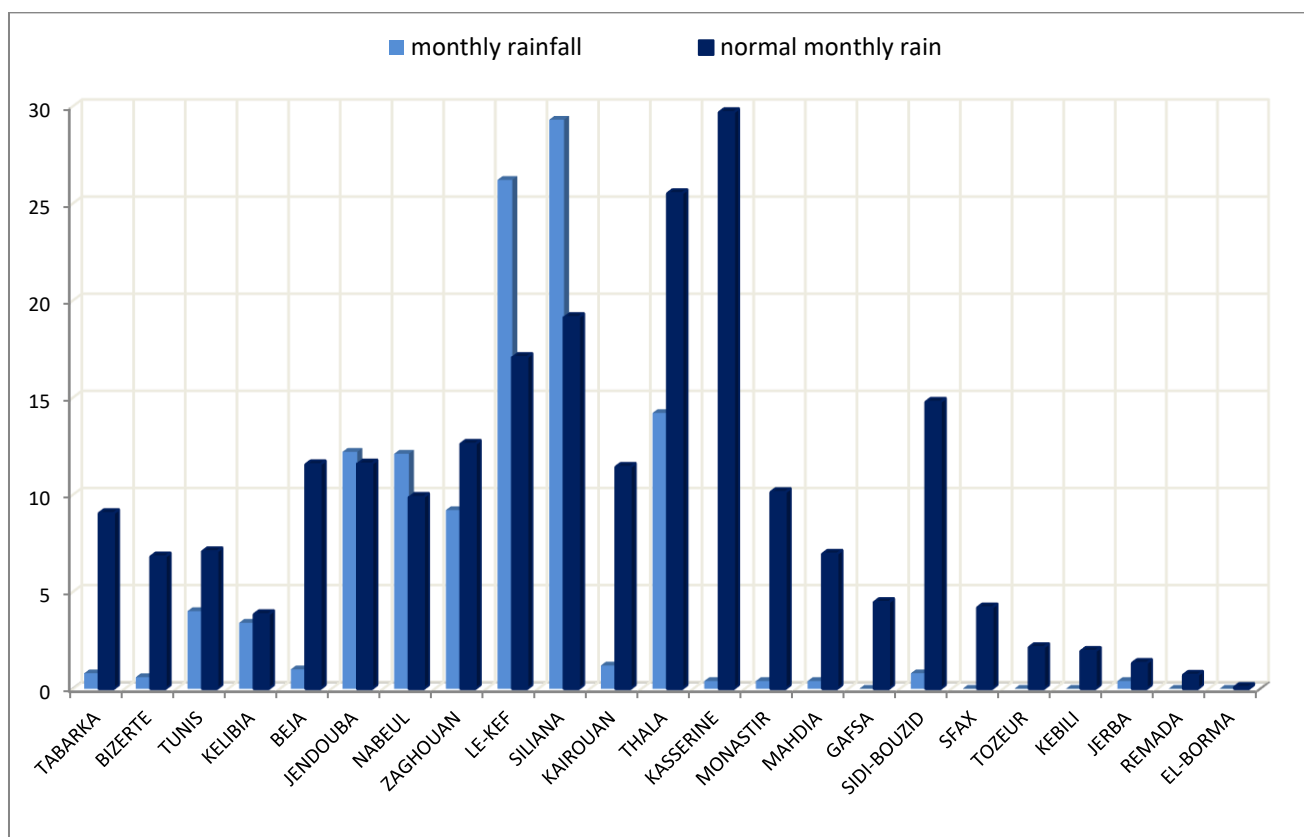
Rainfall:

Regarding rainfall, the monthly total of rain amounts was less than the reference monthly total in most regions with the exception of Jendouba, Kef, Siliana and Nabeul, which exceeded the averages.

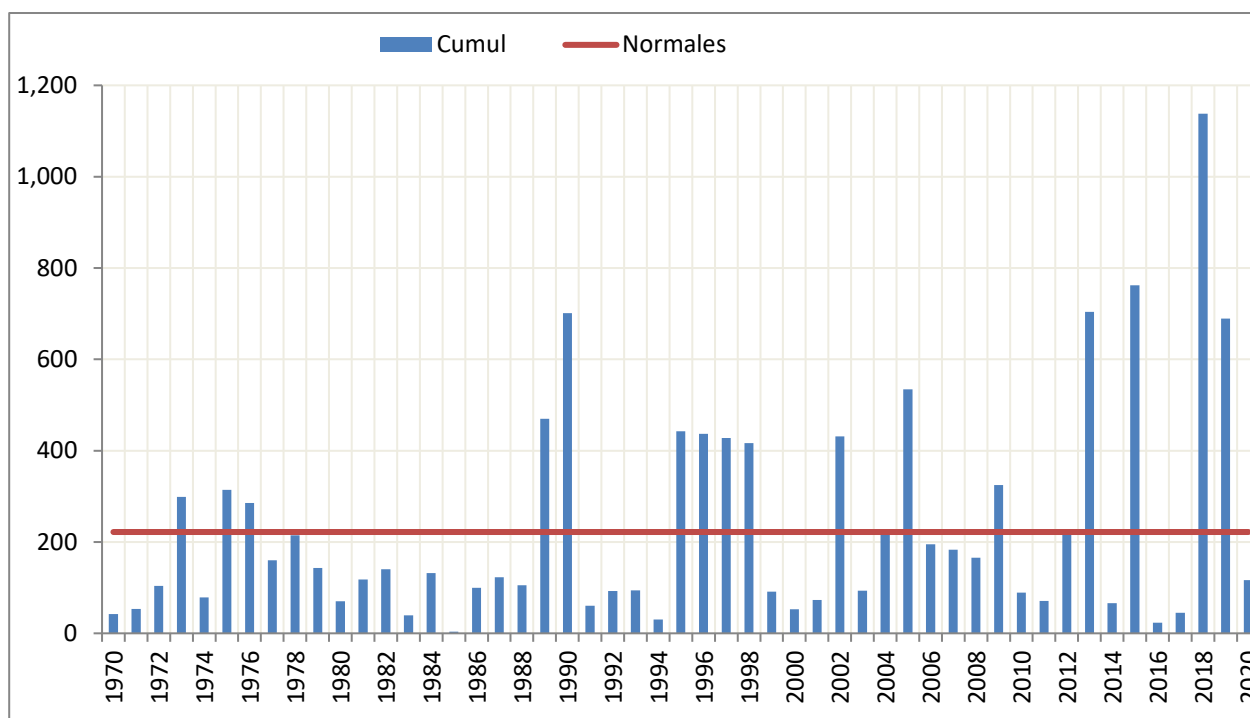
The total of the month was 116.60 mm, while the reference rate for the same stations was 221.87 mm, which represents 52.55%.



Monthly rainfall (mm)



*Comparison of monthly precipitation totals to
the reference averages of the accumulations*



*Monthly rainfall over the past 50 years
in Tunisia: month of August*

- Wind :

The winds were generally weak to moderate, and their speed has increased during the period from August 3 to 5 in the north and south regions, and reached a maximum of 86 km / h in Great Tunis on August 3, and varied from 65 to 76 km / h in the south. The winds were also strong during the period from August 13 to 16 in the northern and coastal regions, where the maximum speed ranged from 61 to 79 km / h, and a maximum of 108 km / h in Siliana on August 16, 2020. Wind speeds also has increased during the period from 28 to 28 August 31, 2020 in the northwest, center and south regions, and the top speed ranged from 61 to 90 km / h, and it reached a maximum of 101 km / h in Tala on the 28th and in Jendouba on August 29, 2020.

