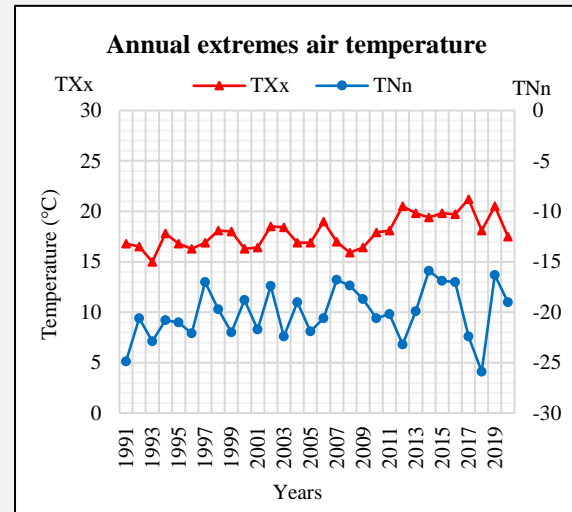
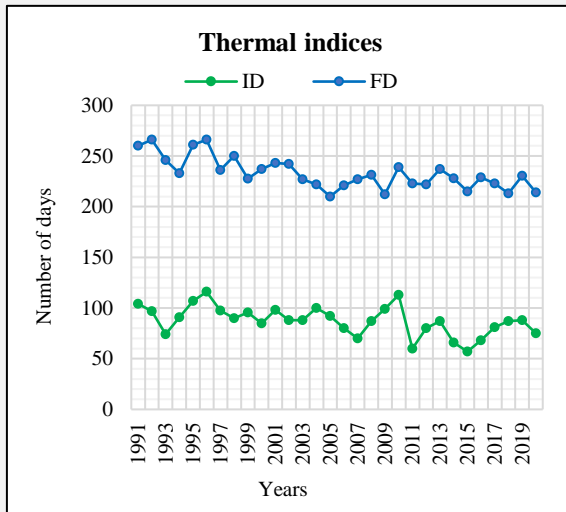
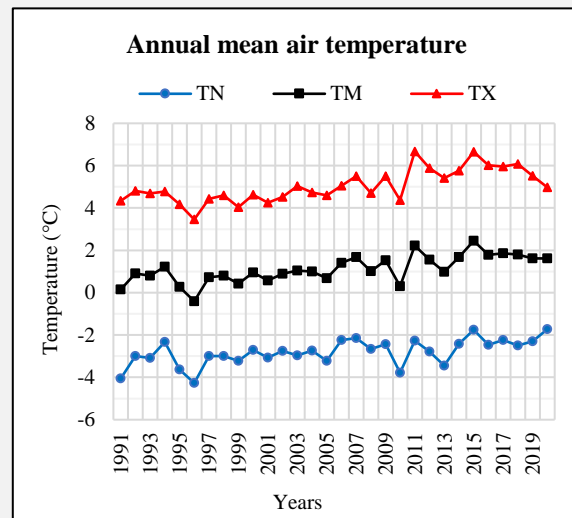
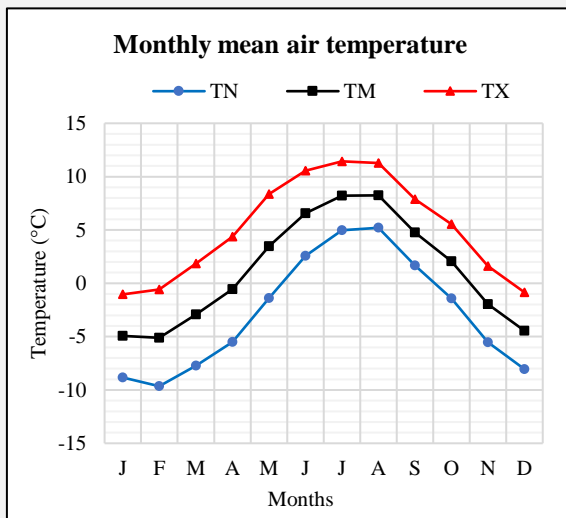


Time-series analysis for the 1991-2020 climate normal

Station name: Rifugio Gastaldi

2659 m a.s.l. • 45.298062 °N • 7.142746 °E



Seasonal and annual trend test results (Mann-Kendall test and Sen's slope)

	Winter	Spring	Summer	Autumn	Years	Significance level
TN: (°C/10 years)	nst	nst	+0.7***	+0.5*	+0.4***	*** 0.001
TM: (°C/10 years)	nst	+0.4*	+0.8***	+0.6*	+0.5***	** 0.01
TX: (°C/10 years)	nst	+0.7**	+0.9***	+0.8**	+0.6***	* 0.05
TNn: (°C/10 years)	nst	nst	+1.6***	nst	+1.3"	" 0.1
TXx: (°C/10 years)	nst	+0,9**	+1,2**	+1,0**	+1.0***	nst no signif. trend
ID: (days/10 years)					-8.2**	
FD: (days/10 years)					-12.5***	

Temperature indices

- TN: minimum temperature
- TM: mean temperature = $[(TN+TX)/2]$
- TX: maximum temperature
- TNn: minimum value of TN
- TXx: maximum value of TX
- ID: icing days = $\sum \text{days } TX < 0 \text{ } ^\circ\text{C}$
- FD: frost days = $\sum \text{days } TN < 0 \text{ } ^\circ\text{C}$

Daily values of the 1991-2020 climate normal

- TN: -2.7 °C (± 0.063 SE)
- TM: 1.2 °C (± 0.060 SE)
- TX: 5.1 °C (± 0.062 SE)
- TNn: -25.9 °C (2018-02-27)
- TXx: 21.2 °C (2017-06-11)

