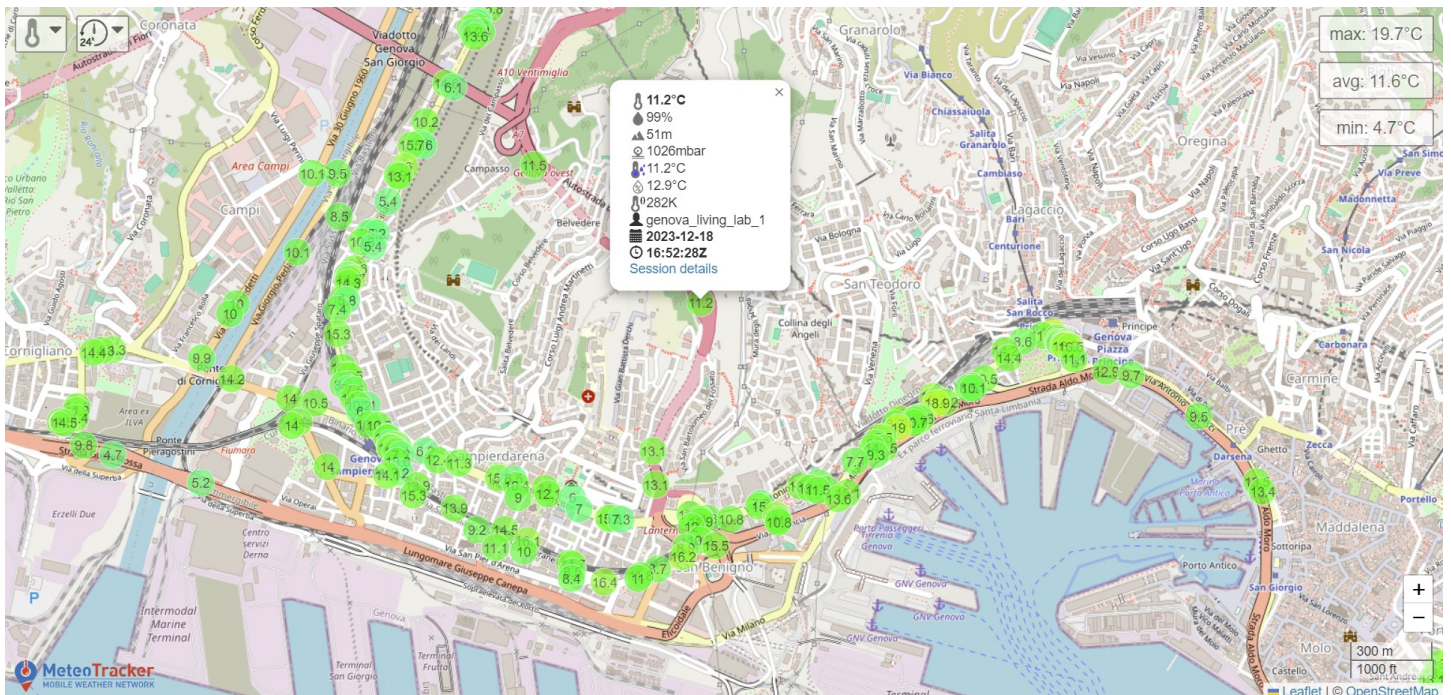


# METEOTRACKER INTERACTIVE MAP

## User manual

The [MeteoTracker interactive map](#) is a tool for visualizing data collected by the MeteoTracker mobile network. Its intuitive, yet comprehensive user interface, allows for an easy data fruition, providing the links for more in depth analysis on the MeteoTracker dashboard as well.



## MAIN FEATURES

- ✓ **visualization of data collected by the MeteoTracker units of your choice**, with dynamic statistics (I.e, referred to values measured on the portion of the map being visualized) and with the link to the point where the extreme values were measured)
- ✓ **custom URL**
- ✓ **drop-down menù for the selection of the parameter** to be visualized (temperature, relative humidity, pressure, elevation, PMx, etc..., see page 2 for the complete list).
- ✓ **archive data visualization** filtered by date and time interval, up to **7 days** time-intervals and with a minimum resolution of **1 hour**
- ✓ **button for the generation of URLs** referred to the selected time frames and geographical area
- ✓ **interactive marker** (visualization of all parameter measured on that point with a link to the MeteoTracker dashboard of the session from which that point comes for a in-depth analysis)
- ✓ **i-frame embedding** on third-party websites



## Selection of the parameter to be visualized

Click here and then select the parameter of choice from the drop-down menù

The image shows the MeteoTracker mobile weather network interface. At the top, a toolbar contains various icons for different parameters. A hand icon points to a dropdown menu for selecting a parameter. The parameters listed are: Temperature, Relative humidity, Dew-point, Vertical thermal gradient, Elevation, Pressure, Thermal comfort index, Solar radiation intensity, BT signal power [dBm], Potential temperature, and PMx (#/cm<sup>3</sup>).

A dashed box highlights the Air Quality module options, which are only available if the Air Quality module is used. These options include: CO<sub>2</sub>, PM<sub>1.0</sub>, PM<sub>2.5</sub>, PM<sub>4</sub>, PM<sub>10</sub>, PM<sub>0.5</sub>, PM<sub>1.0</sub>, PM<sub>2.5</sub>, PM<sub>4</sub>, PM<sub>10</sub>, CO<sub>2</sub>, EAQ, FAQ, O<sub>3</sub>, PMx (ug/m<sup>3</sup>), EPA index, Fast air quality index, and O<sub>3</sub>.

The map shows a city area with numerous green circular data points representing temperature readings. A temperature summary box on the right indicates: max: 15.9°C, avg: 14.1°C, and min: 11.6°C. The map also shows various geographical features and labels like 'Area Acciaierie d'Italia S.p.A.', 'Liguria', and 'Genova ovest'.

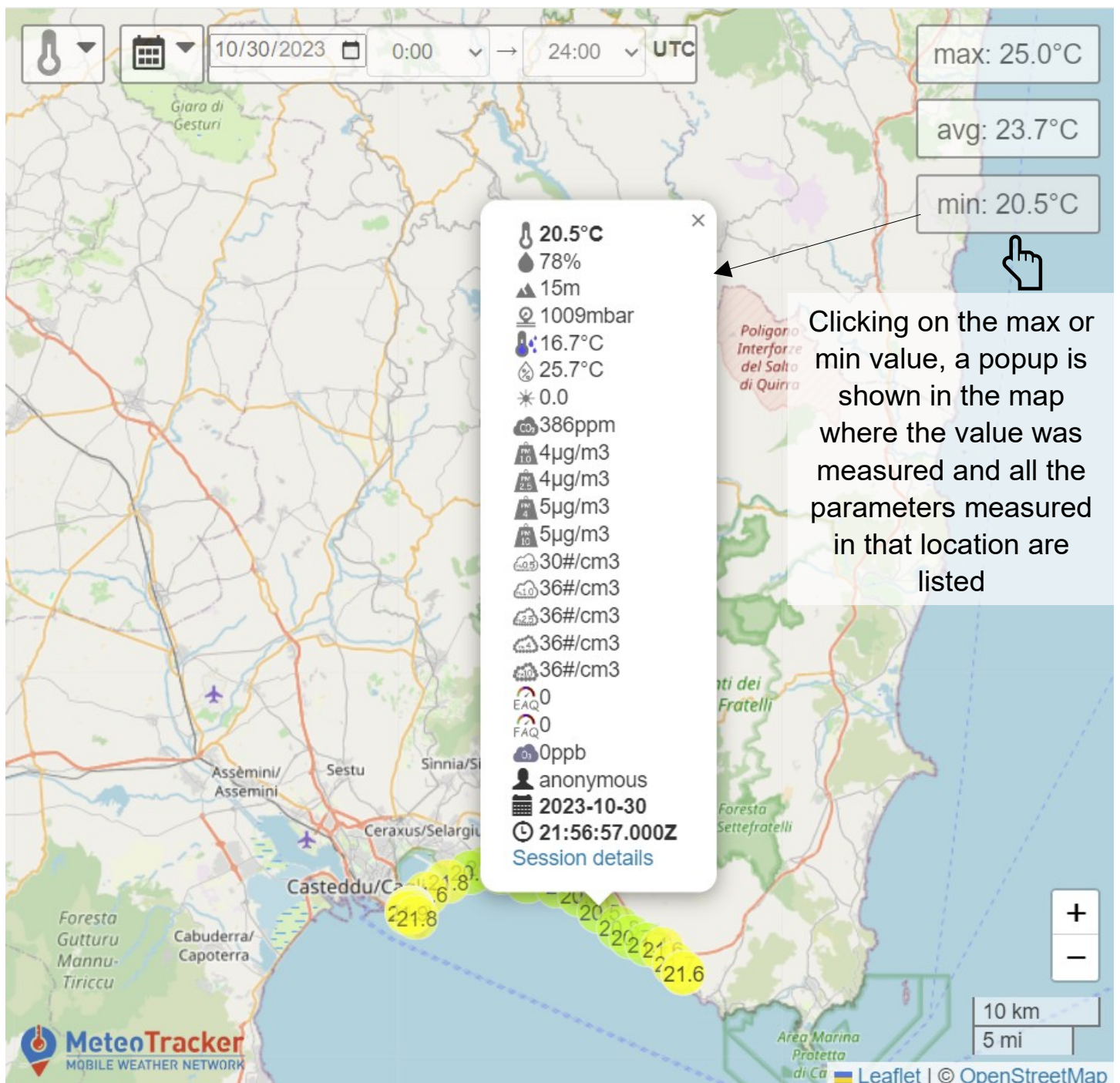
At the bottom, there is a scale bar (1 km / 3000 ft) and logos for MeteoTracker, Leaflet, and OpenStreetMap.



## Extreme values localization

In the right-upper corner, the **maximum, minimum and average values are shown**, referred to values measured on the portion of the map being visualized.

Clicking on the maximum or minimum value, a popup shows up in the map, where the extreme value was measured



max: 25.0°C

avg: 23.7°C

min: 20.5°C

20.5°C

78%

15m

1009mbar

16.7°C

25.7°C

0.0

386ppm

4µg/m3

4µg/m3

5µg/m3

5µg/m3

30#/cm3

36#/cm3

36#/cm3

36#/cm3

36#/cm3

0

0

0ppb

anonymous

2023-10-30

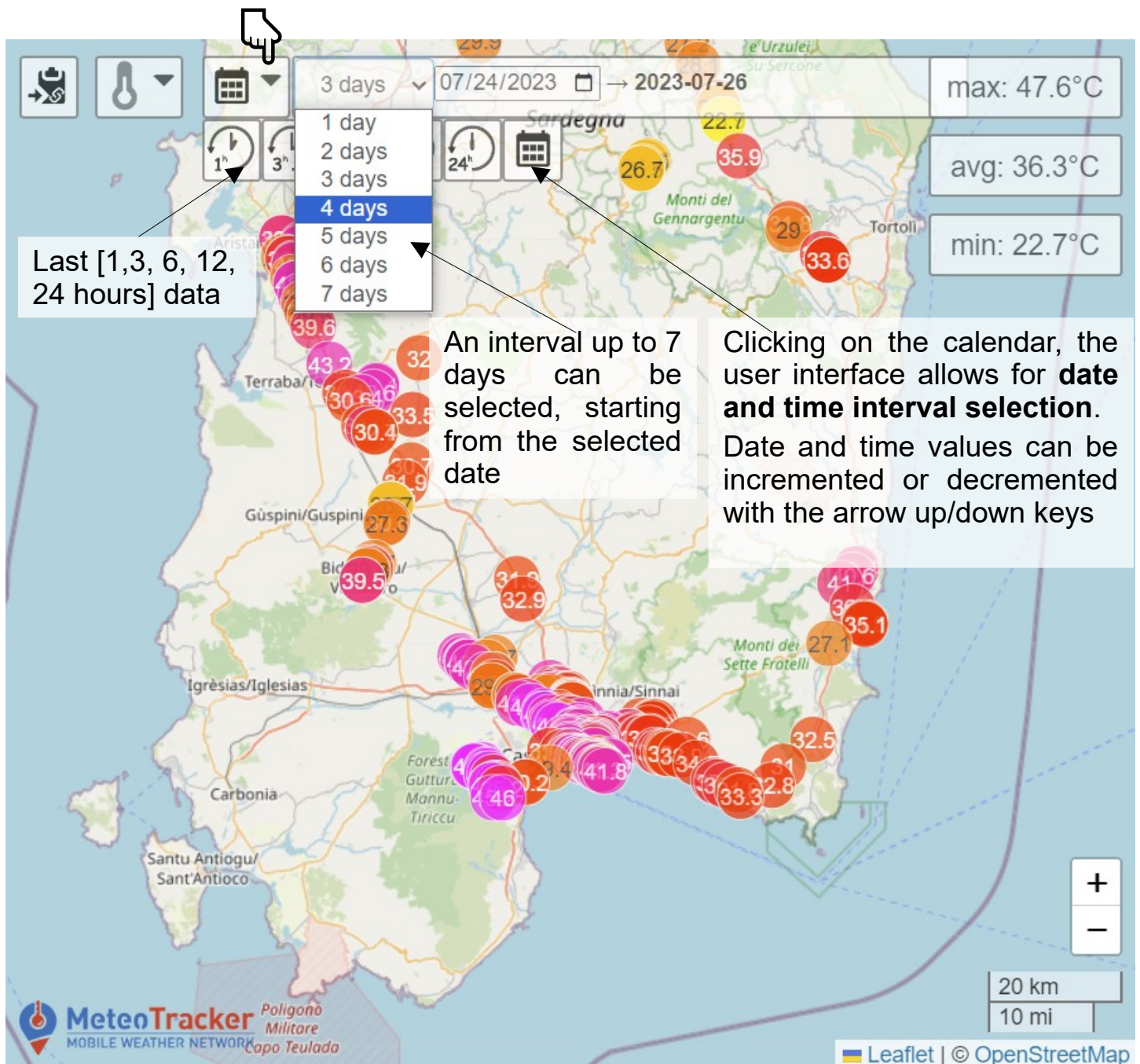
21:56:57.000Z

[Session details](#)

Clicking on the max or min value, a popup is shown in the map where the value was measured and all the parameters measured in that location are listed

## Archive data visualization, filtered by date and time interval

The archive feature allows for visualization of the entire user database. Past data can be **filtered by date and time interval**, up to **7 days** and with a minimum resolution of **1 hour**.



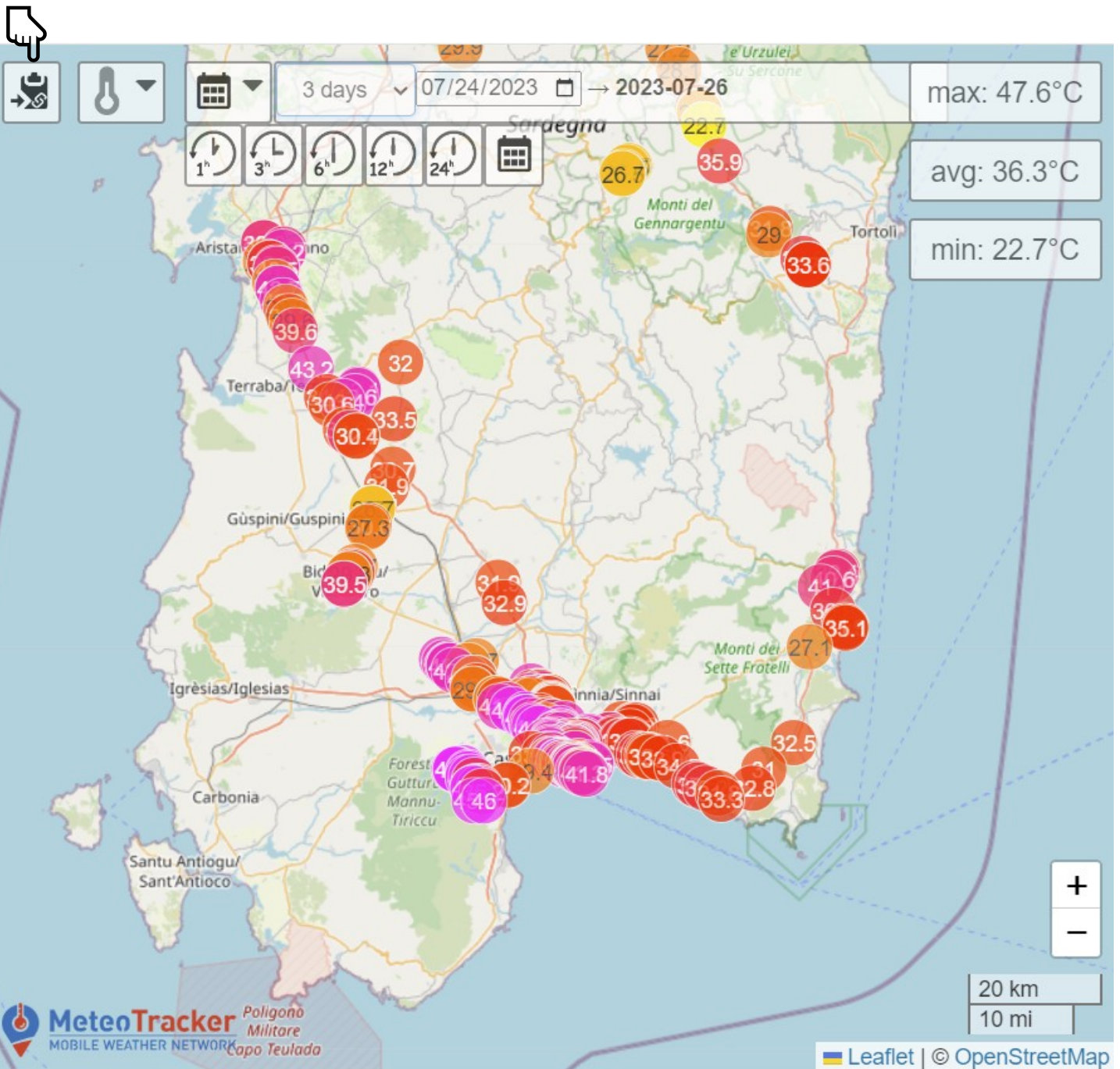


## Generation of URLs referred to a specific time interval and the selected geographical area

Clicking on the upper-left button, the URL referred to the time-interval and the geographic selected is generated and copied to the clipboard.

In this case:

<https://app.meteotracker.com/html/map/sardinia?lat=39.487&lon=9.097&zoom=9&id=T0&date=2023-07-24&interval=2>



## I-frame embedding on third party website

The MeteoTracker interactive map can be embedded in every website by a simple i-frame

```
<p><iframe src="https://app.meteotracker.com/html/map/world?lat=45&lon=10&zoom=5" allow="clipboard-write" width="100%" height="700"></iframe></p>
```



USE CASES ▾

DASHBOARD

BLOG

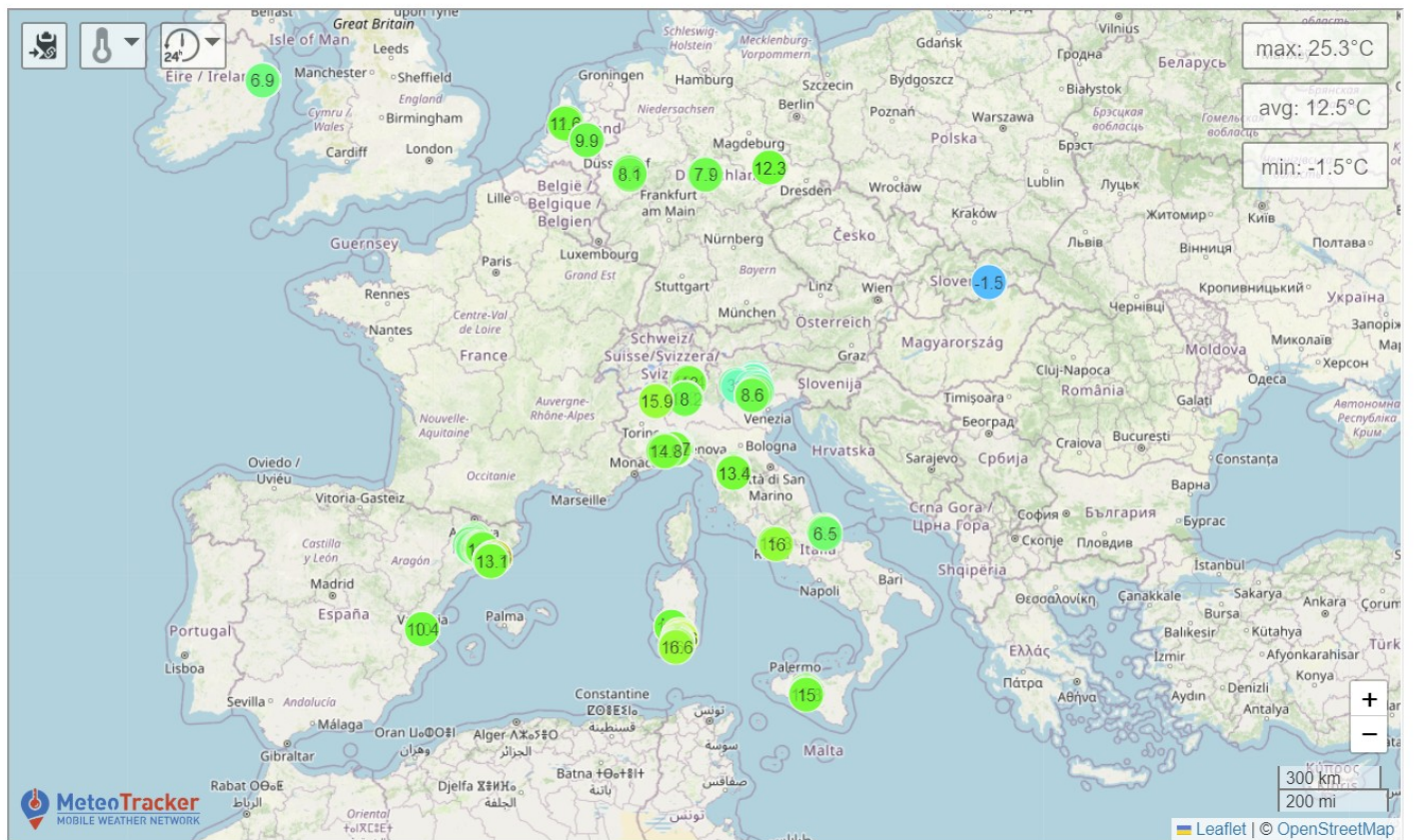
PROJECTS

CONTACT US

ITALIANO

BUY NOW

### The MeteoTracker real-time interactive map



## References and contacts

### Manuals

<https://meteotracker.com/index.php/meteotracker-manuals/>

~

### Web and socials

 [www.meteotracker.com](http://www.meteotracker.com)

 [www.linkedin.com/showcase/meteotracker](http://www.linkedin.com/showcase/meteotracker)

 [facebook.com/meteotracker](https://facebook.com/meteotracker)

 <https://www.instagram.com/meteotracker/>

 <https://twitter.com/MeteoTracker>

 <https://www.youtube.com/@meteotracker6376>

~

### Contact

 [meteotracker@meteotracker.com](mailto:meteotracker@meteotracker.com)