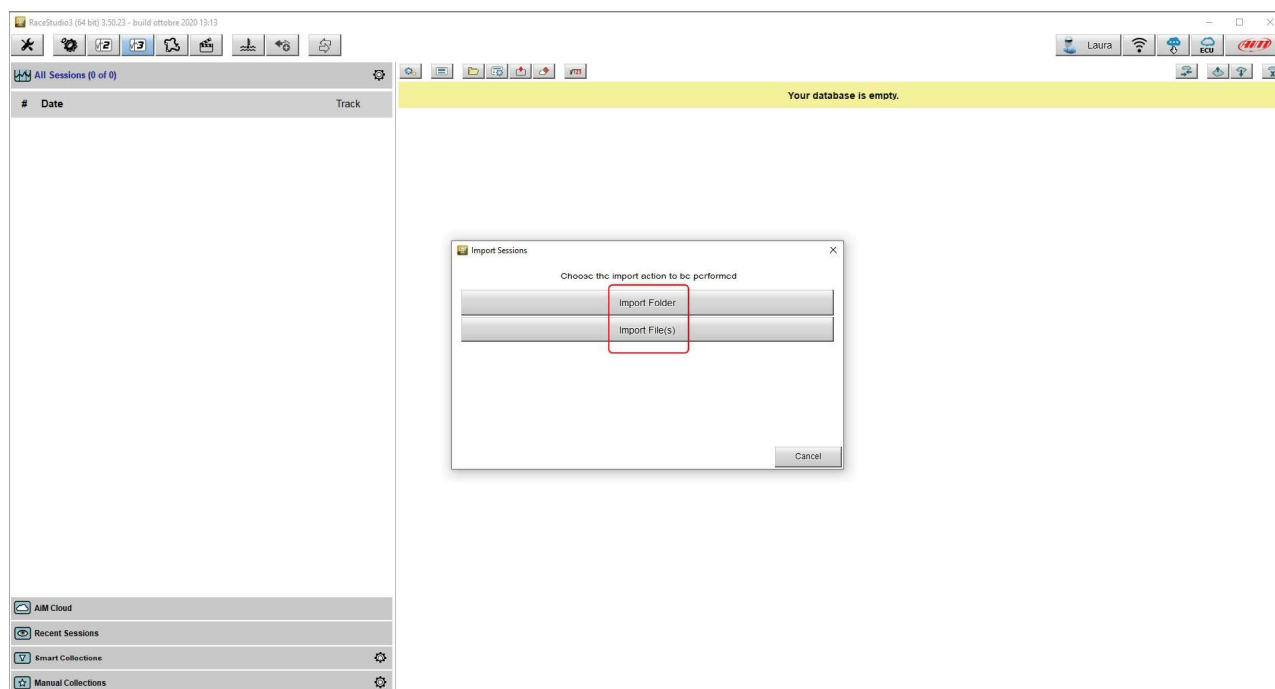


2.2 – The software database

RS3Analysis is typically run after data download and this means that the software database populates automatically but previous data can also be imported from an external drive. In this case at the very first time the software database is empty and this dialog window is prompted.



It is possible to import single files or entire folders of data.

Pressing one of the buttons highlighted browse windows is prompted: select the file/folder to import and press OK.

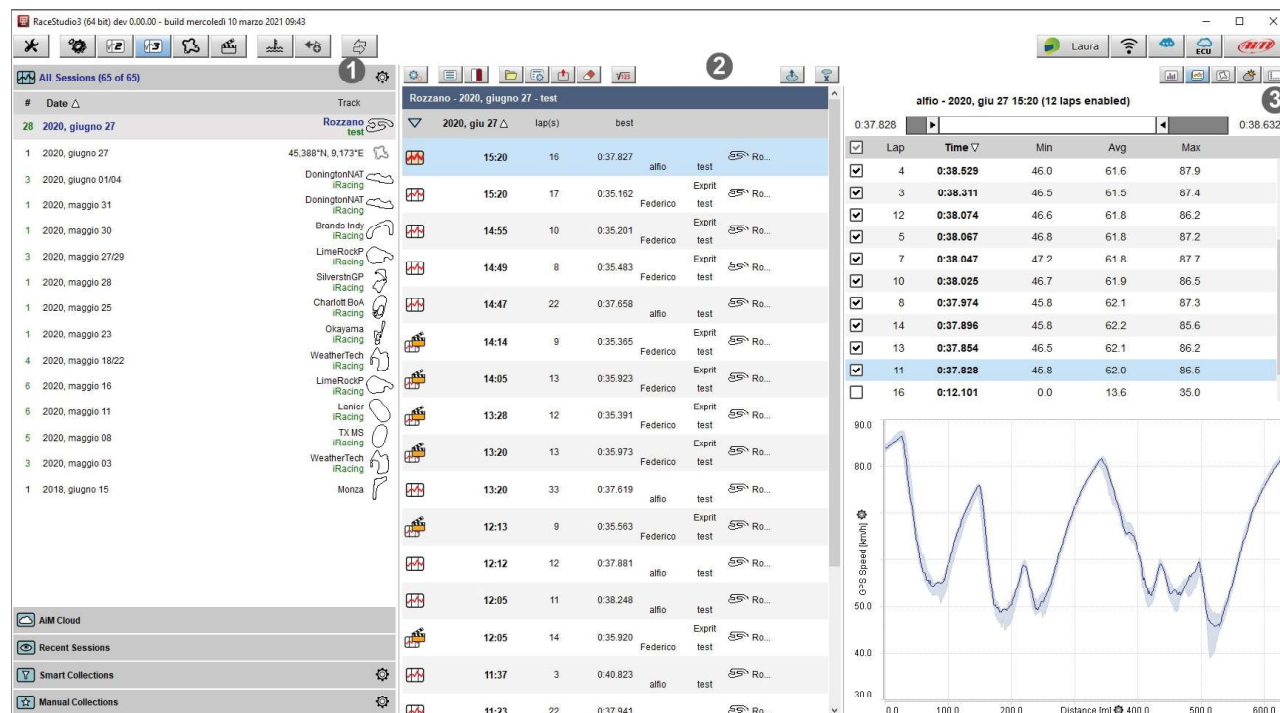
A panel with a progress bar appears. In case the files are already in the database or if there is any issue the software warns.



User Guide

RS3Analysis home page is divided in three parts:

- on the left all available sessions with grouping criteria and collections where the desired one can be selected (1)
- central data and video of the selected session (2)
- right the selected session data preview (3)

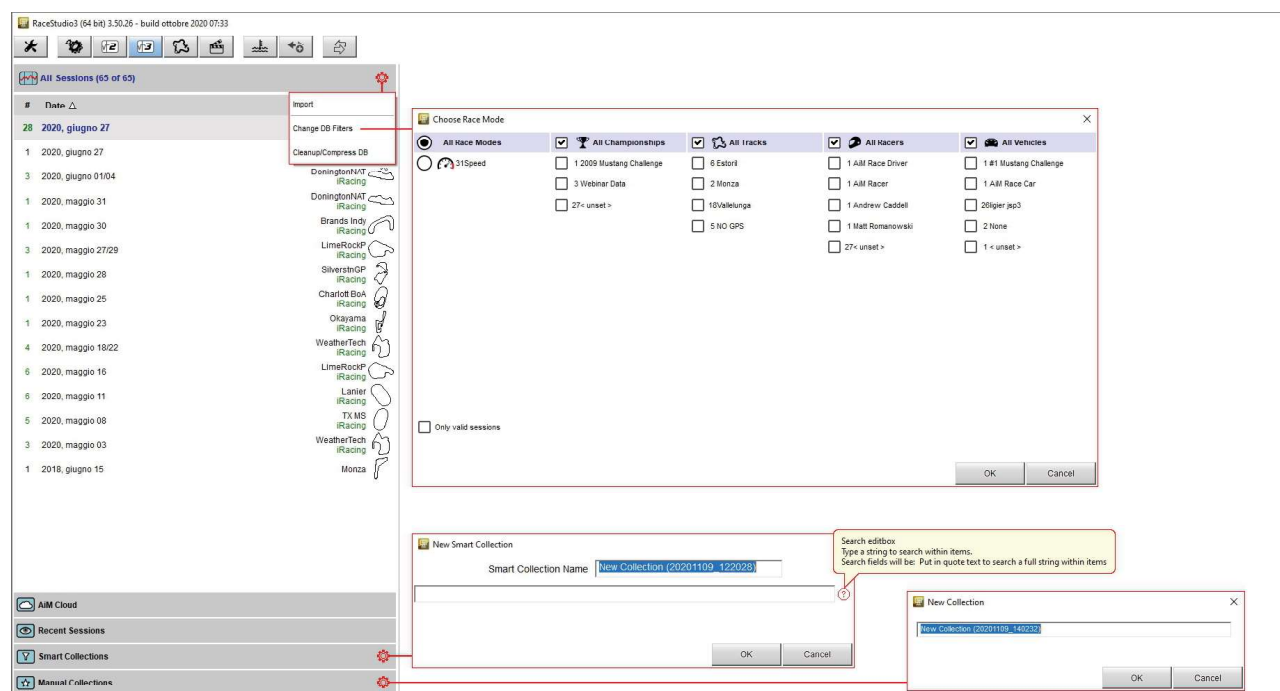


2.3 – Sessions database

When the database has been populated **all sessions** are shown by default (top bar); they are grouped into events (by week) on the same track/race. Clicking the setting icon a menu is prompted. Here it is possible to select which Session to show according to the selected race mode.

Bottom of this part of the page are other session types:

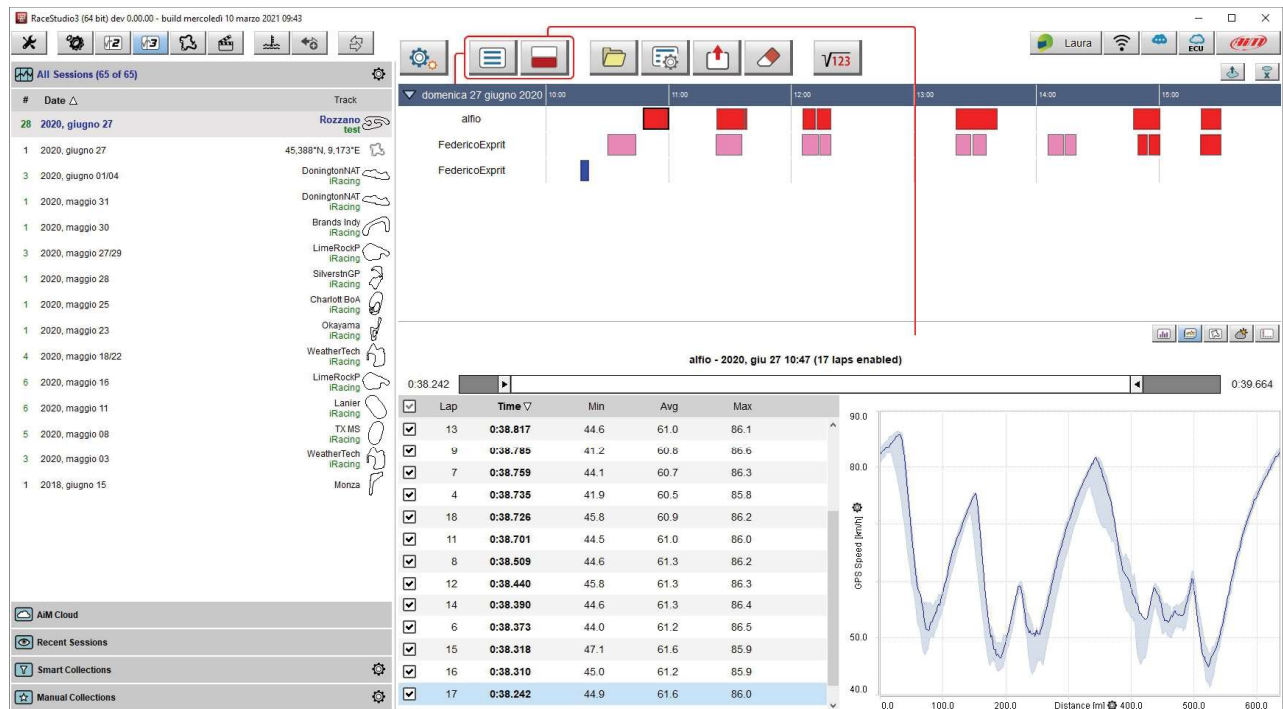
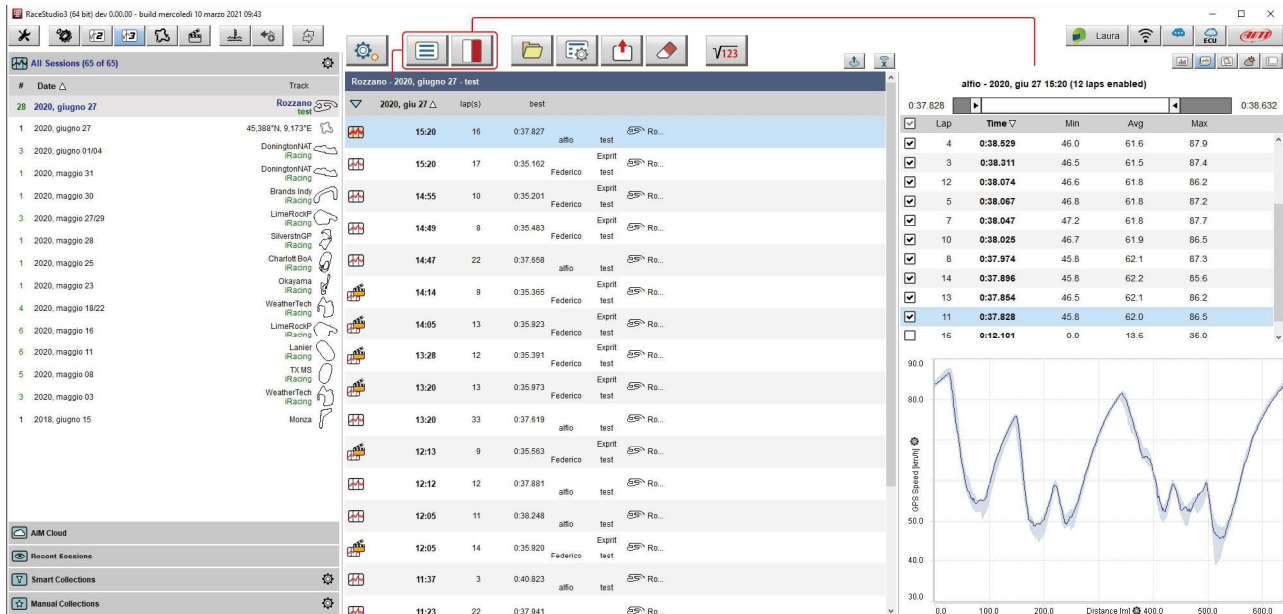
- **AiM Cloud:** shows all sessions uploaded on AiM cloud
- **Recent sessions:** this database remembers the last 30 sessions you have interacted with; the very first time is empty
- **Smart Collection:** this database can be build clicking the setting icon and selecting the sessions according to a custom criteria; as shown by the pop up that appears clicking on the question mark you can fill in a text to be used as search string and the sessions corresponding to that string are automatically included in the new smart collection; default collection name is day and time but it can be named as wished
- **Manual Collection:** this database is manually build;
 - click the setting icon on the right
 - a dialog window is prompted: name it and the collection appears below the Manual Collection label
 - click "All sessions" to show all available session and drag and drop the sessions you want to include in it.





2.4 – Selected session

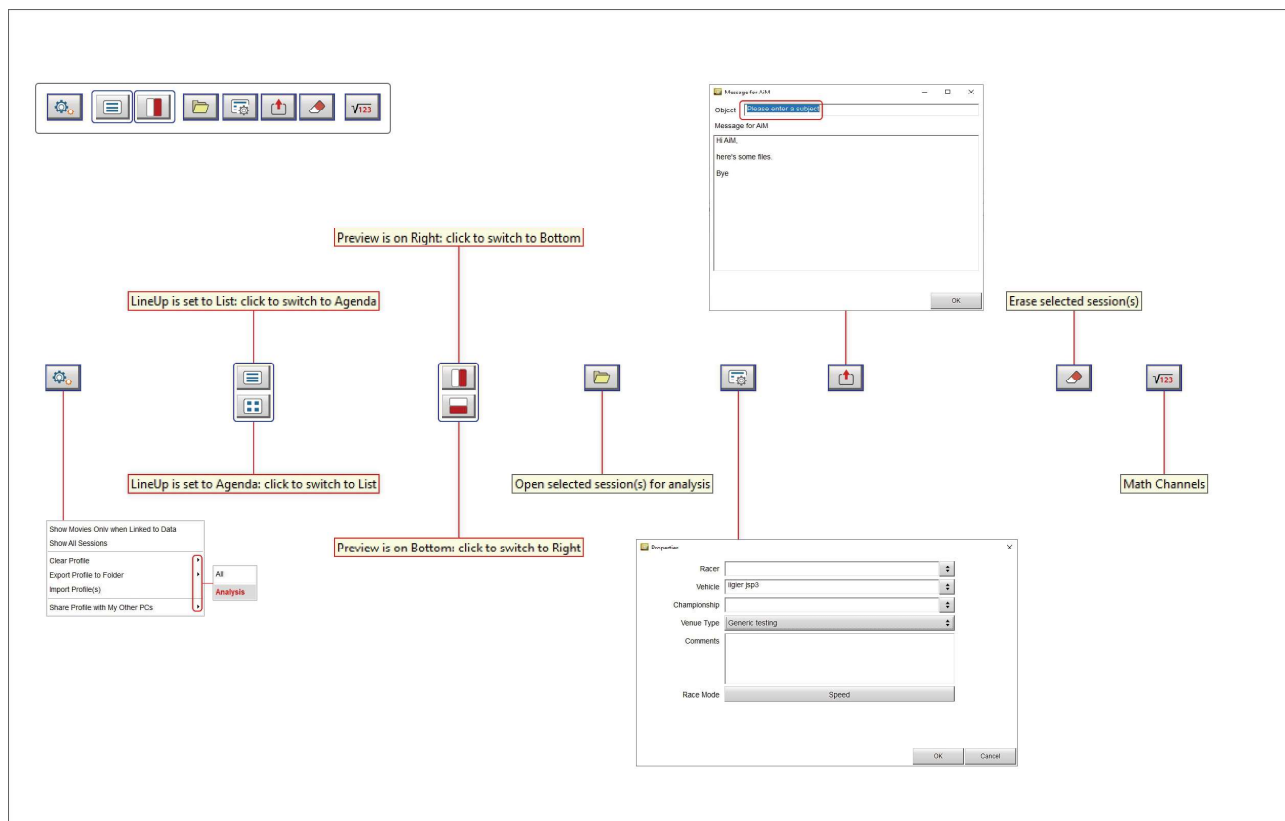
When the session to view is selected it appears in the **central** part of the page. The session view can be list or agenda and the different preview window can be shown right or bottom. The following images show: list/right view on top and agenda/bottom view bottom.



Top of "Selected session" column is a keyboard, shown in the image below whose buttons are for:

- **View** button: allows you to choose what sessions to show: available options are:
 - Show movies only when linked to data (appears only if the selected session contains video)
 - Show all sessions
 - Clear Profile (All or Analysis*)
 - Export Profile to folder (All or Analysis*)
 - Import profile(s)
 - Share Profile with my other PC (All or Analysis*)
- **Switch view** button: allows to switch the view from list to agenda
- **Switch preview** button: allows to switch the view layout; you can have preview windows bottom of the sessions list or on the right of it according to the setting you select; in this manual we are going to use the "List/Right" setting
- **Open** button: open the selected session for analysis
- **Properties** button: allow to modify the properties of the selected session using the dialog window that appears
- **Send to AiM** button: it activates a dialog window when it is possible to insert an object and a message addressed to AiM support that makes easier and quicker for AiM service to investigate the problem.
- **Erase** button: erases the selected session
- **Math channels** button: opens math channels dialog window (see chapter 11 for further information).

***Please note:** "Analysis" is the default name of any profile; this means that as you save the profiles with names, "Analysis" option is replaced by a list and you can select the one to clear, export, import or share. Any operation can be performed on one profile at a time only.





User Guide

The selected session is shown in the central column and RS3Analysis automatically recognizes which data it includes matching each session to the dedicated icon. Here below all icons are shown.



Data session icon



Data and video session icon

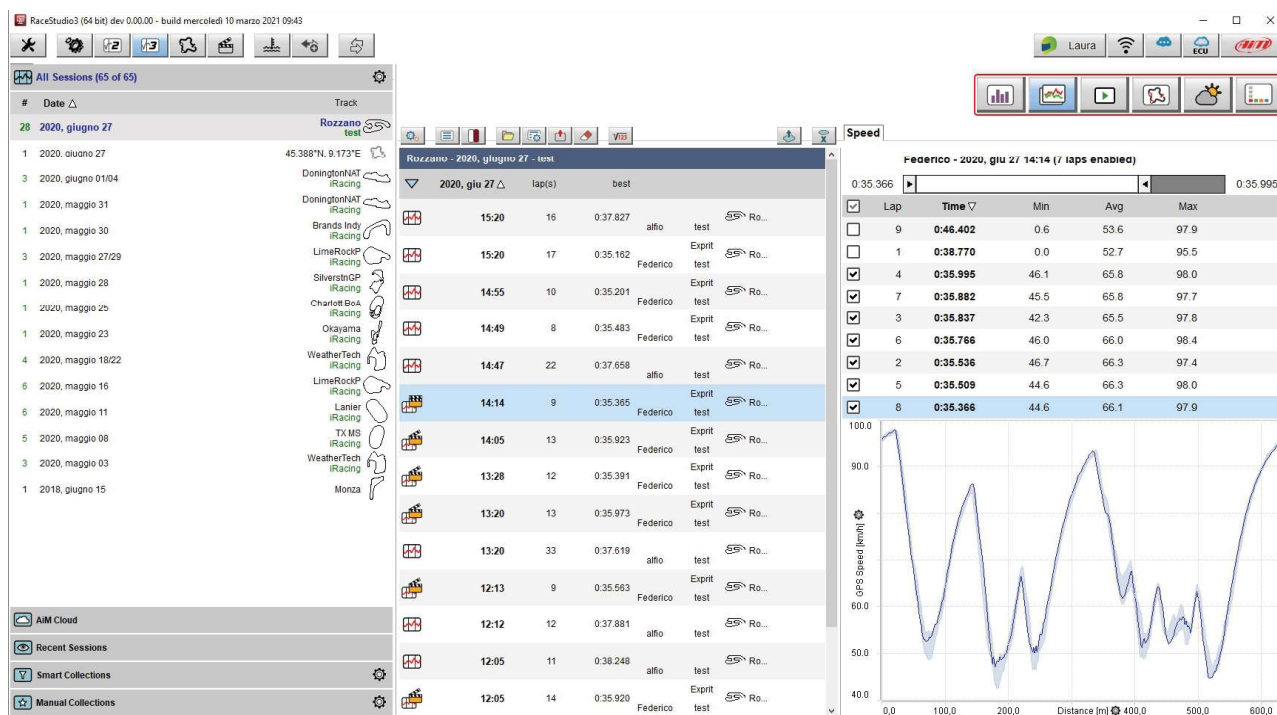


Video session icon



Sim Racing session icon

Data preview of the selected session is shown right of the page. It changes according to the key pressed on the keyboard placed right of the page straight above the data and highlighted in red here below.



The keyboard buttons show different preview and if the session has no video in it the corresponding button is hidden.





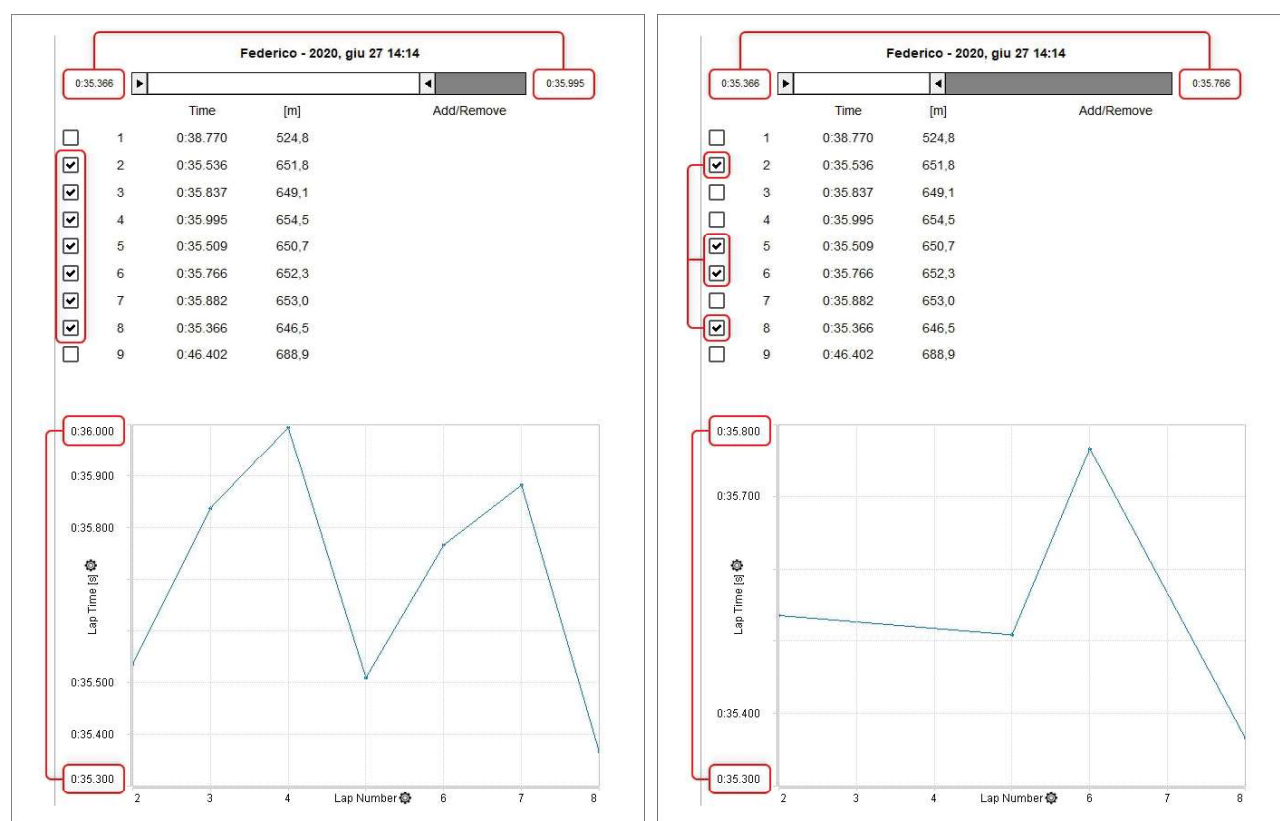
2.4.1 – Laps summary preview

Laps summary preview shows by default all the laps except for the first and the last one (left image below) and the related max/min lap time values are indicated side of the top sliding bar and in the bottom graph.

Sliding the top bar only laps in a fixed lap time range are shown (right image below). This range is shown in the bottom graph too. It is possible to add/remove channels to the central table using the button you find right under the sliding bar.

The bottom graph shows, by default, Lap time on the ordinate axis and lap number on the abscissa axis.

The graph can be zoomed in/out using the mouse wheel.

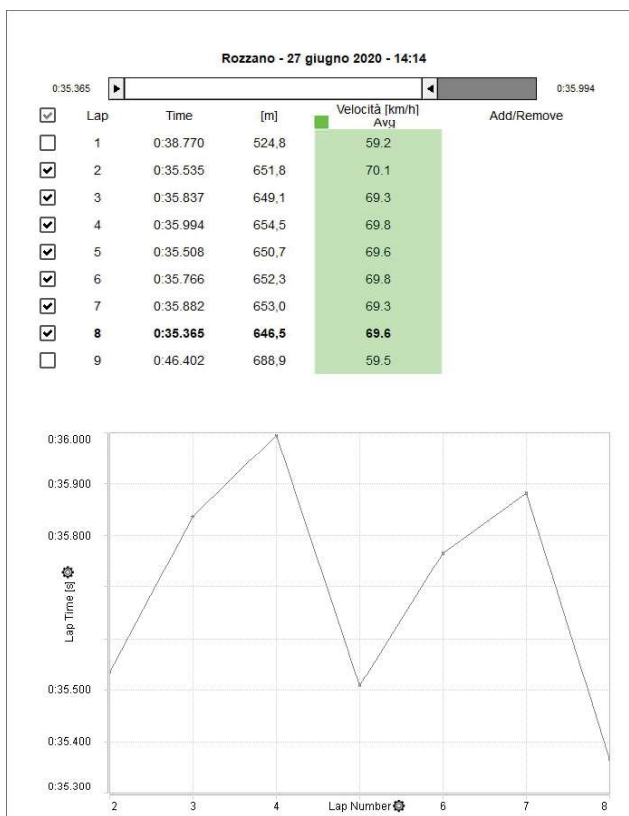
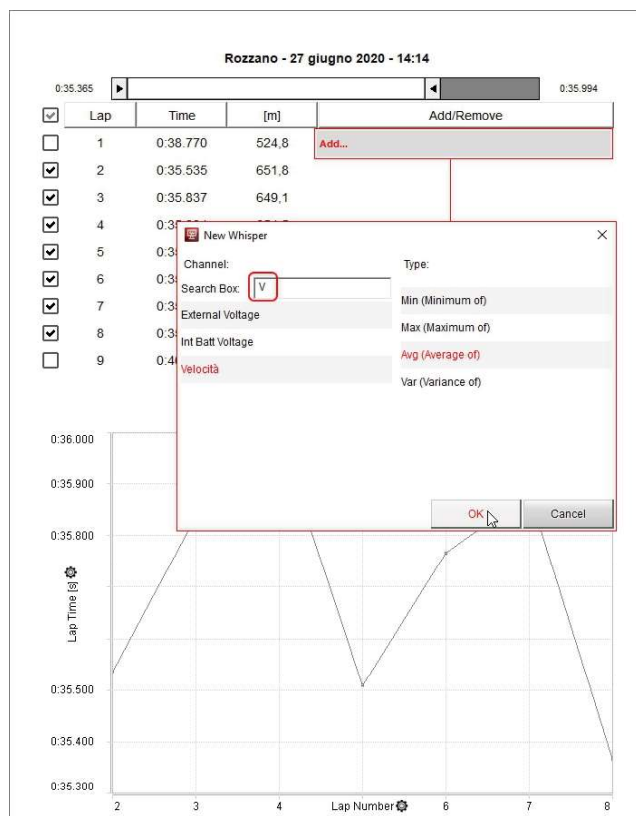




As shown here below on the left, to add a channel:

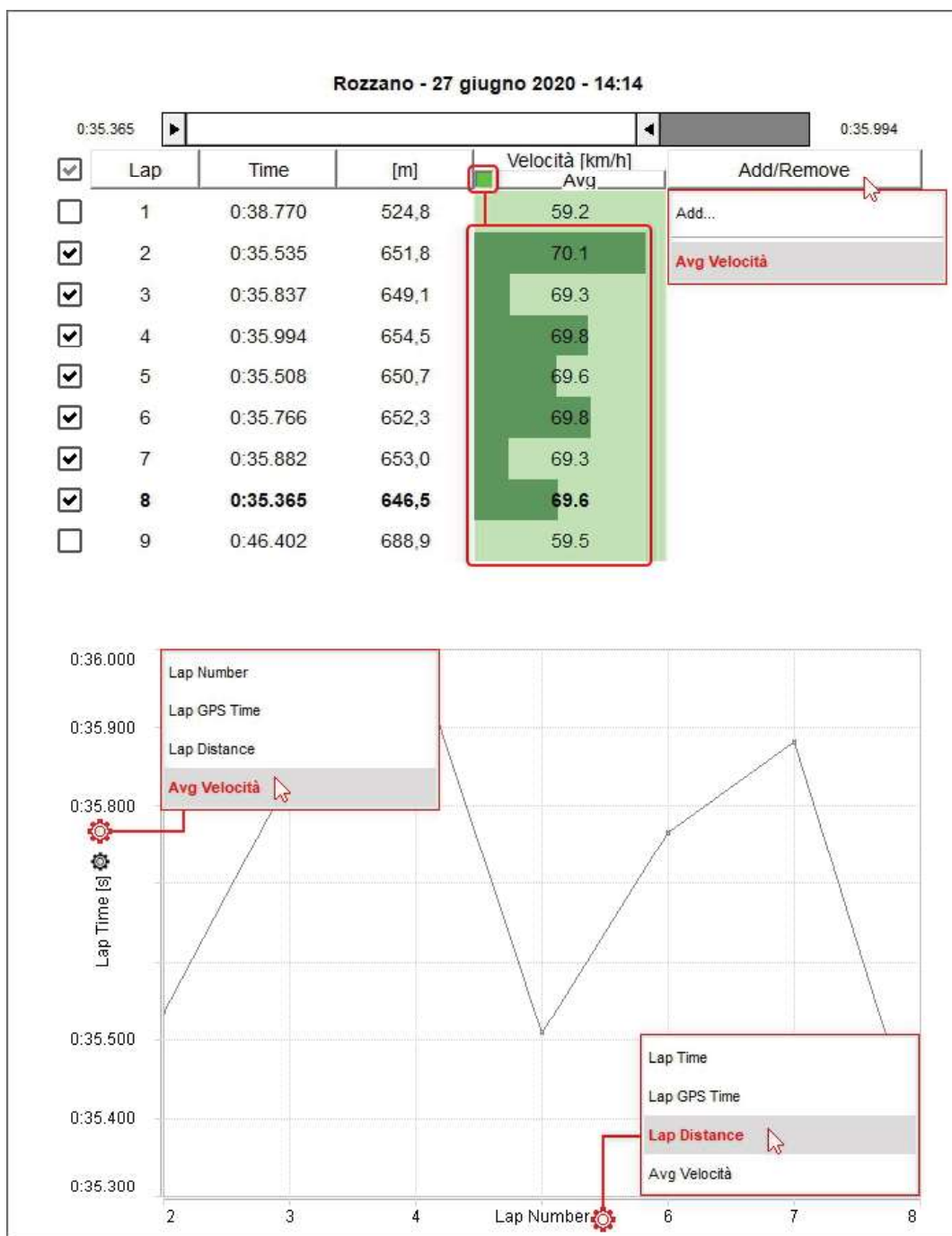
- Click "Add/Remove" and select "Add"
- Select the desired channel in the list or search for it filling in "Search Box"
- Click "OK"

The channel appears in a new column as shown here below on the right.



When the desired channel has been added the software allows you to perform the following actions:

- show the histogram of the added channel as background of the column clicking the checkbox top of the same column
- remove the added channel clicking "Add/Remove" button and selecting the channel to remove
- change the channels plotted on the graph clicking the setting icon on the axis and selecting the channel to plot



2.4.2 – Laps report preview

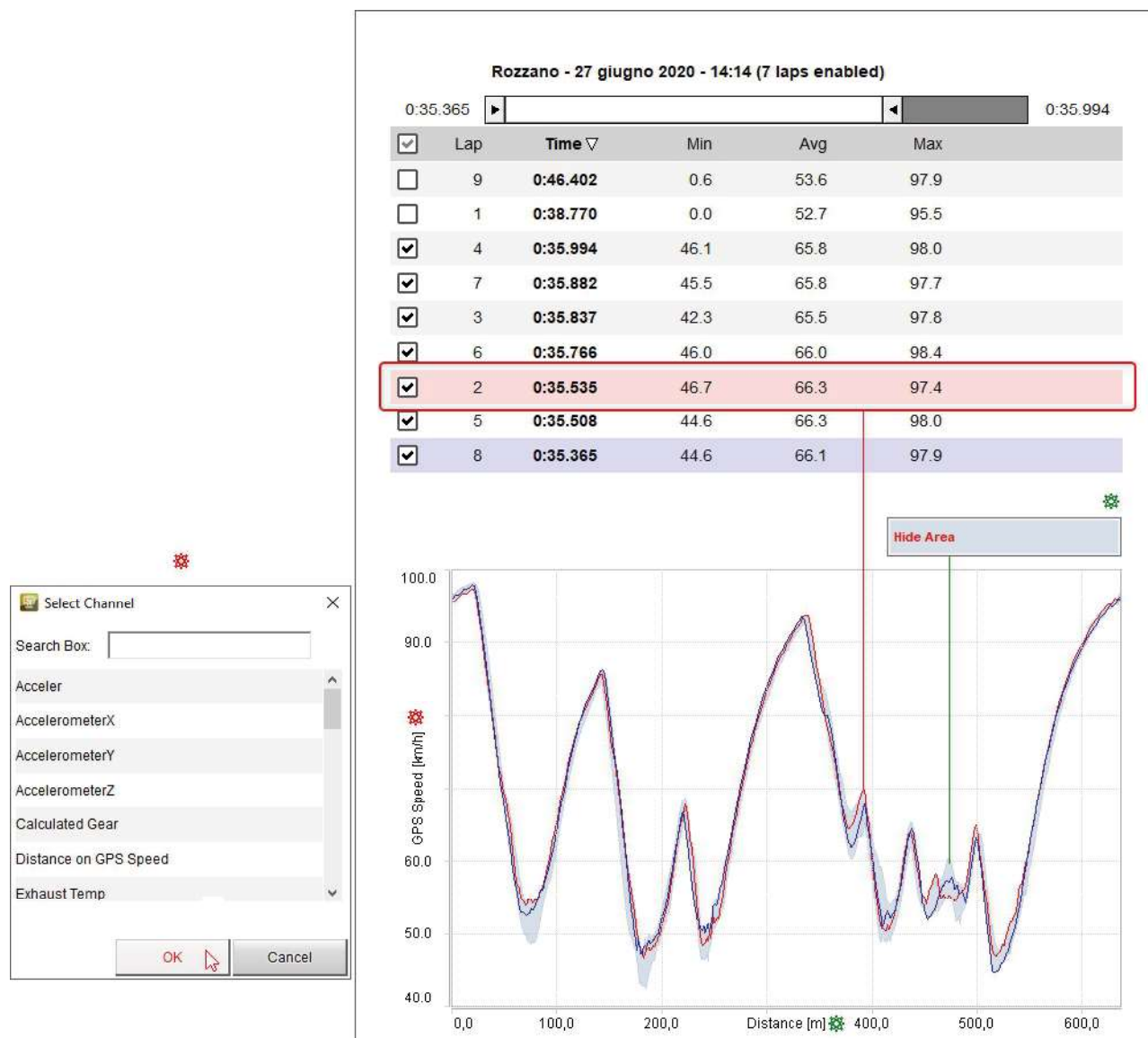


Laps report preview shows the laps ordered by lap time by default and sliding the top bar you can select only laps in a fixed lap time range as well as show them in the graph below the laps list. Mousing over the laps list the graph of the lap you are mousing over becomes red in the graph below.

The graph shows, by default, GPS Speed on the ordinate axis and Distance on the abscissa axis. To change the channel plotted on the ordinate axis click the related setting icon (red below) and select the channel to plot in the dialog window that is prompted (on the left in the image below).

The graph has a sort of grey/light blue background that highlights the range set with the top sliding bar. To hide this background click the setting icon on the abscissa axis (green below) and then click "Hide Area".

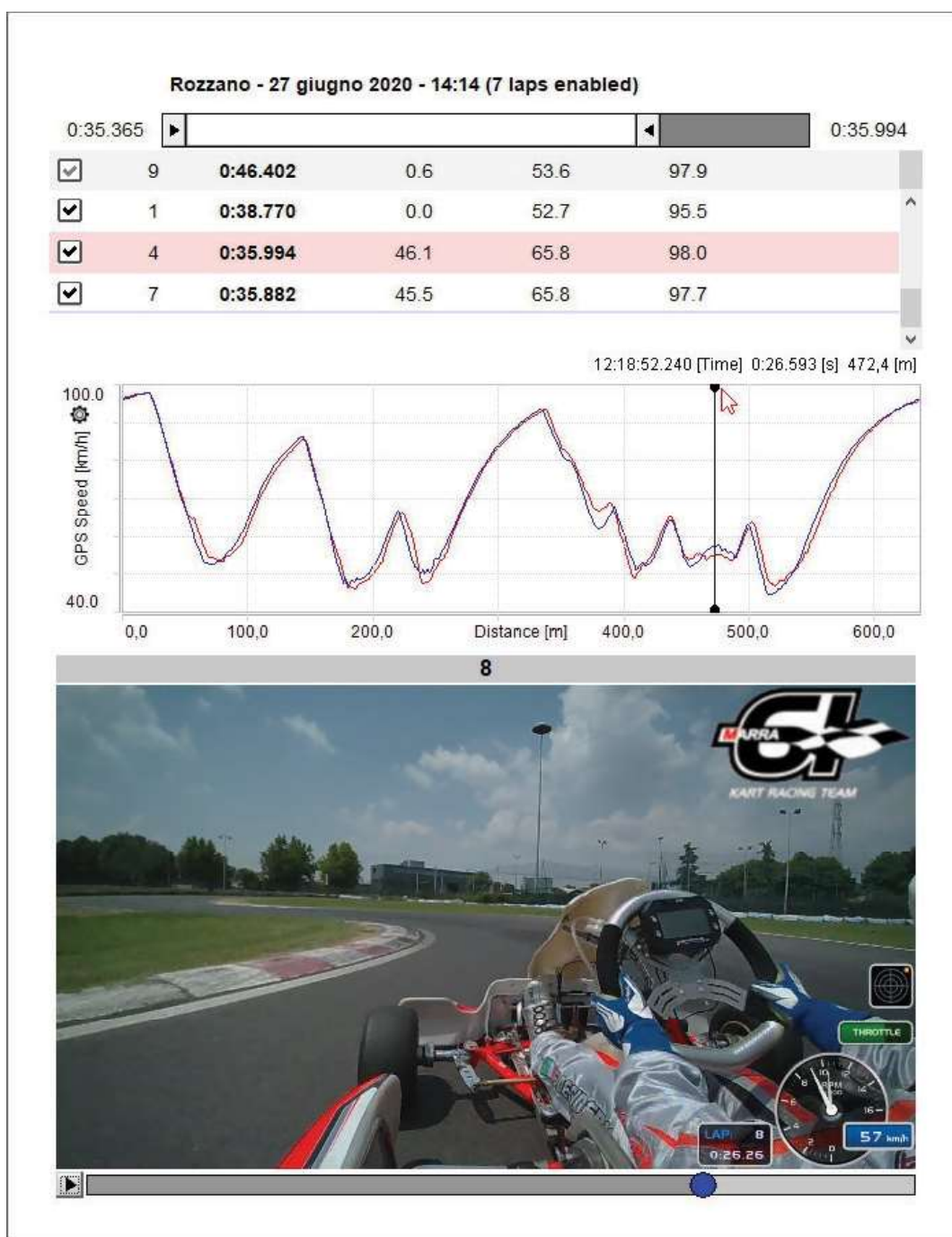
The graph can be zoomed in/out using ctrl+the mouse wheel.



2.4.3 – Video preview



Video preview works mostly like the previous two. Pressing “Play” button bottom left of the preview, the video plays and the cursor on the central graph moves simultaneously. Clicking on a point in the graph the video goes to that point.



2.4.4 – Map preview



Map preview shows the track map and you can:

- center the map in the window
- zoom in/out the map using the related buttons or with the mouse wheel
- change the map tile provider choosing among the options shown here below (in the example Google Maps is being used)
- switch among web mapping and drawn map (the top right button in the image below changes according to the view)

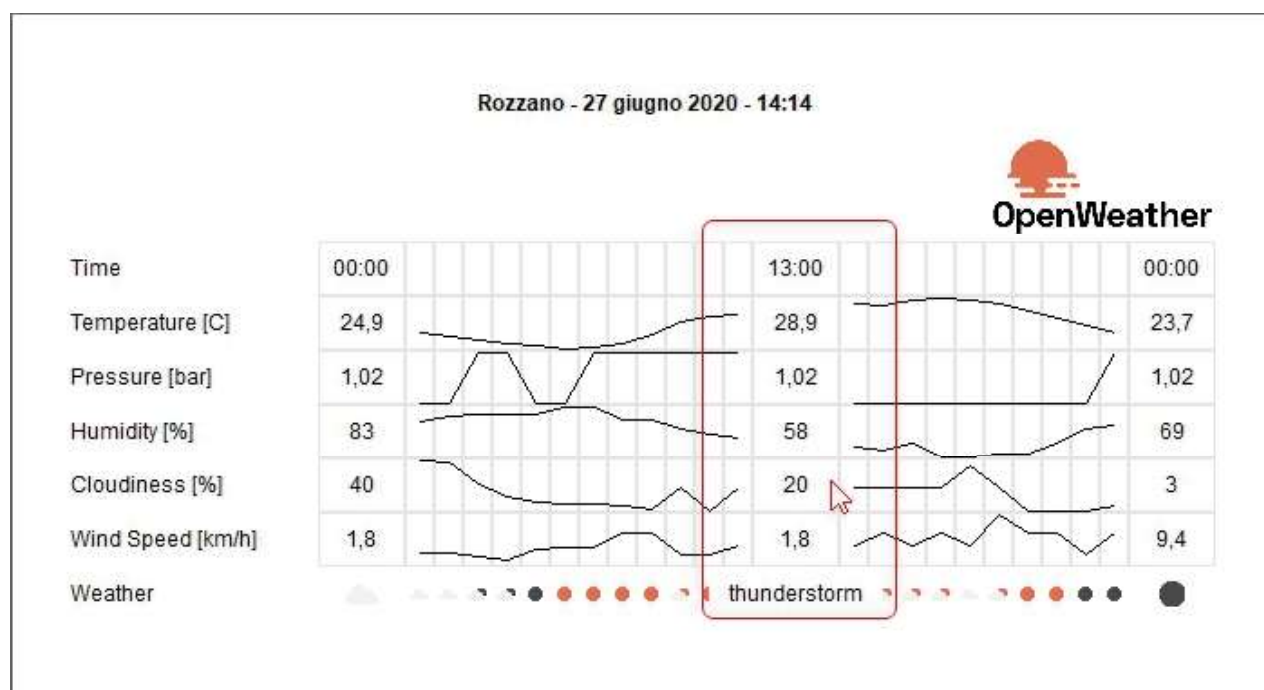
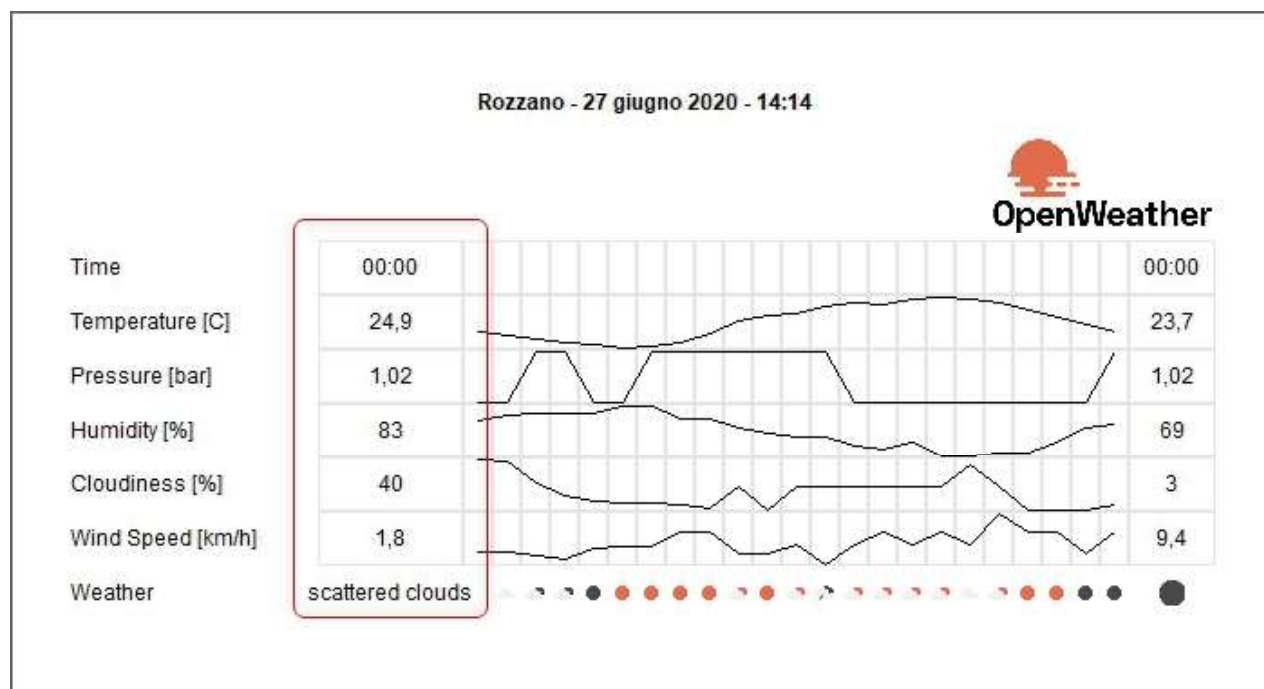


2.4.5 – Weather preview



The weather preview shows all information about the weather conditions in the date of the race, from midnight to midnight. These information are available for 12 months from the day they are recorded.

Mousing over the graph the weather conditions during the day are shown (bottom image below)





2.4.6 – Advanced Info preview



Advanced info preview shows all the information about the session according to the logger in use.

You can also see the files containing the data in their folder clicking “Show in Explorer”. If a SmartyCam HD is connected to the logger two explorer windows will open: one for the racing data, the other for the video .MOV file except files are saved in the same folder and in this case they appear both selected.

Rozzano - 27 giugno 2020 - 14:14

Show in Explorer

Session Information

Track: Rozzano

Championship: test

Racer: Federico

Vehicle: Exprit

System Information

Logger: MyChron5 [ID: 50047510] with fw 01.28.31

[ID: 2304068] - Firmware Version: 48.20.00

SmartyCam HD [ID: 3807953] - Firmware Version: 60.03.92