# Adding meteoblue data to IrriMAX Live

by Sentek

Introduction

- Sentek has partnered with meteoblue to offer a 7-day weather forecast database for any location on Earth.

- Sophisticated models are employed to predict temperature, rainfall, ET (evapotranspiration), humidity, pressure, wind speed and wind-direction at hourly intervals for a latitude/longitude of your choice

- Forecast data is retained to provide a historical record of conditions.

- Click here to visit the meteoblue website for information about their methods and data sources.

For Account Customers only

- This weather data is a PAID add-on for IrriMAX Live, and is an annual (365 day) subscription

- Before we can take online payment for subscriptions, you need a customer number in Sentek's accounting system

- If there is no customer number associated with your IrriMAX Live account, you won't be able to see the screens/menus to setup the meteoblue database

- If you need to have your Sentek account linked to your IrriMAX Live account this can be requested, using a link on the Subscriptions page, accessed via the IrriMAX Live USER menu
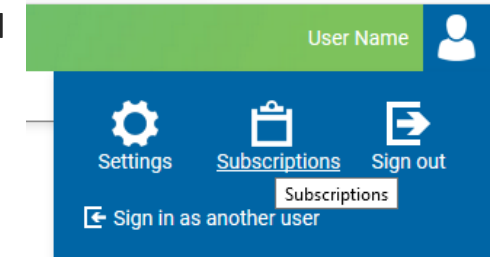
Please note, you won't be able to continue with the following steps without your customer number being setup.

IrriMAX Live

User Name

Home   Loggers
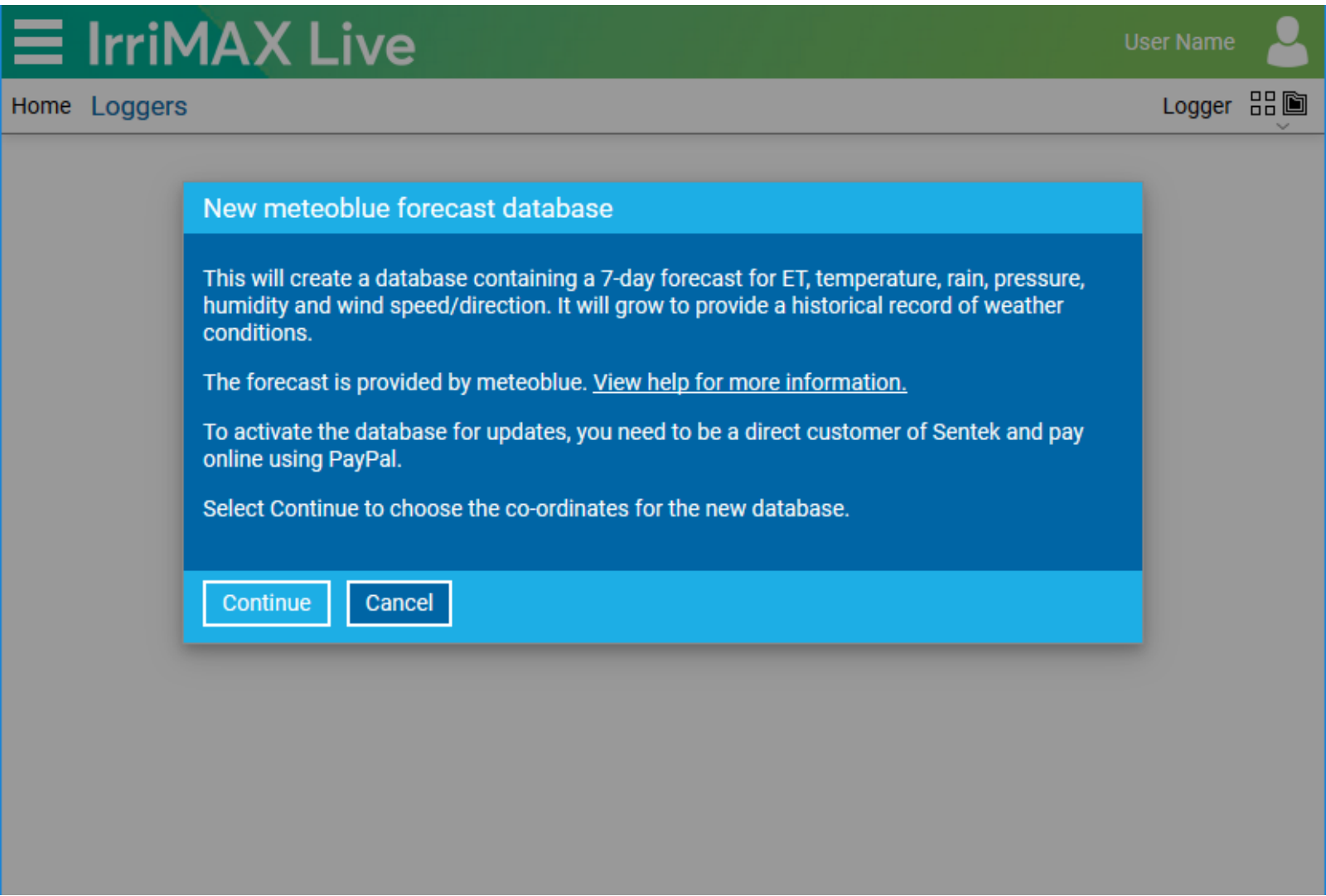
Logger

New meteoblue forecast db

Installation details

Map location

Add to site

Assign to user

Copy graph

Download graph PDF

Download databases

Renew subscription

Get Started

- Go to the Logger menu on the right hand side

- Click on the "New meteoblue forecast db" menu option

{If you can't see this menu option, you need to have your account linked, please refer to the previous page}

Read and Continue

- If you are happy to proceed with the database setup select continue

- The next step is to identify the location for the new database

Selecting the Location

- Determine the latitude and longitude for your virtual logger by dragging the marker or using the "Search" or "Coords" options on the Google map.

- If you have several moisture probes in close proximity then you should place the meteoblue logger in a central location.

- The finest granularity that meteoblue offers is a 3km-square grid cell, so there is limited use in positioning loggers closer together than this.
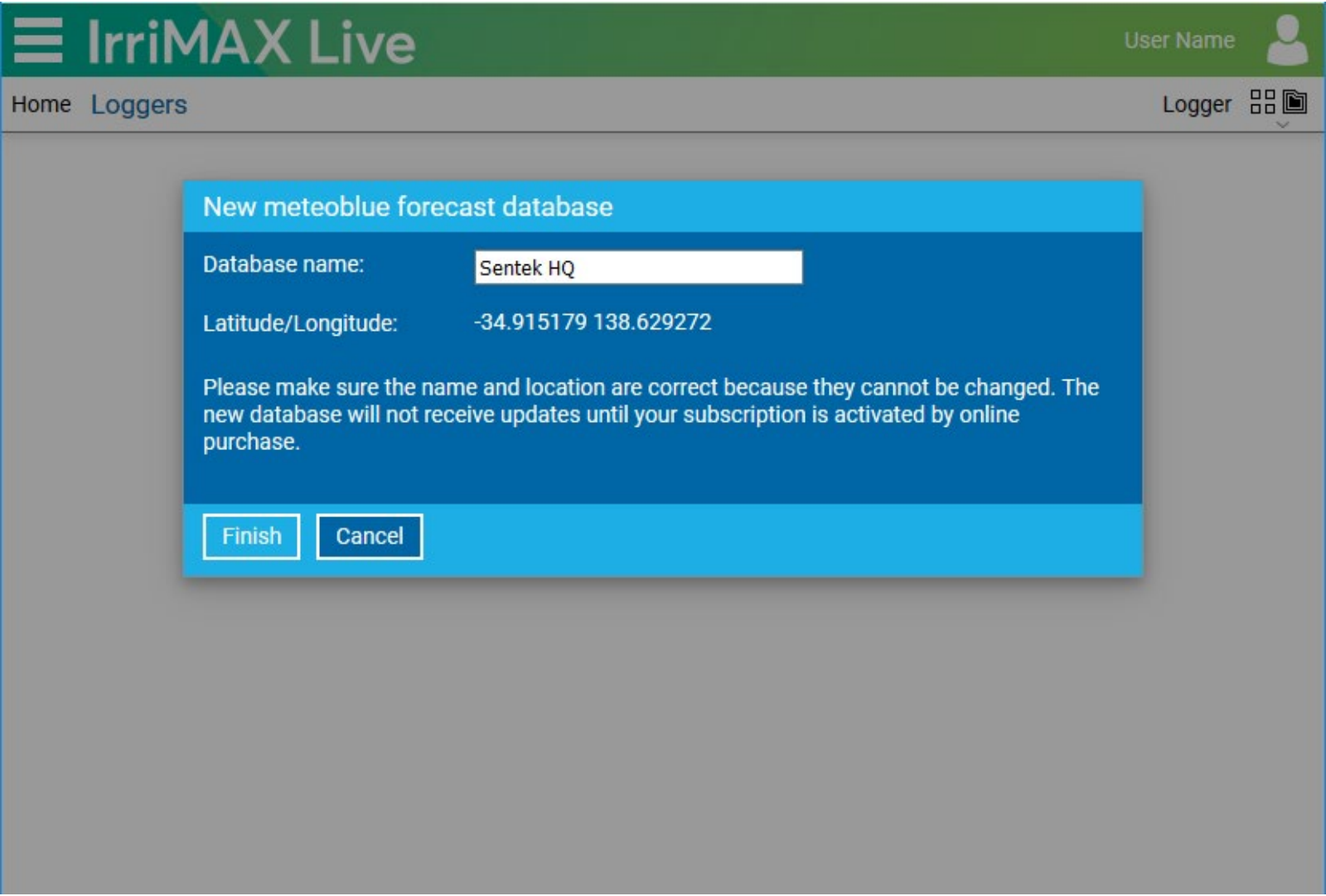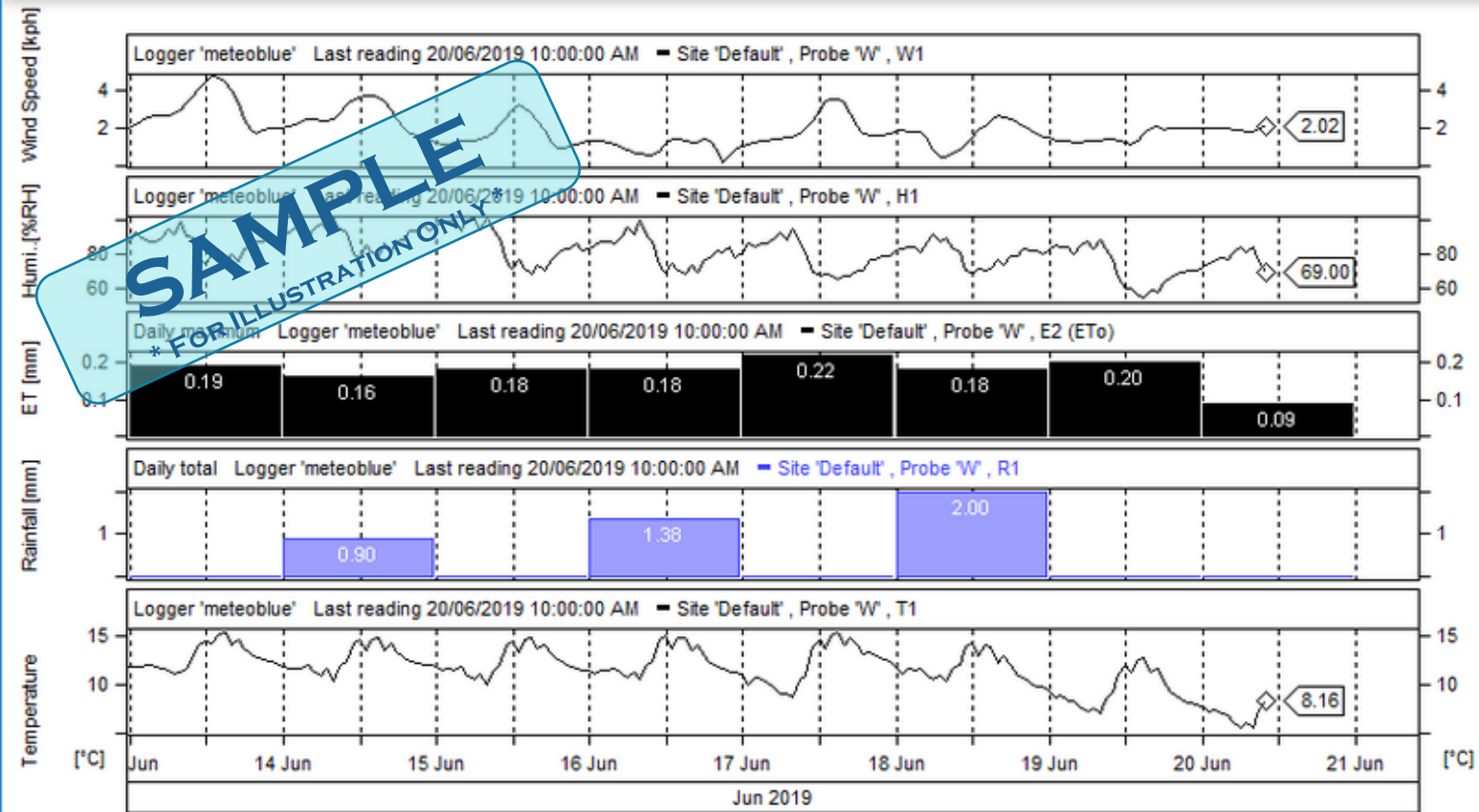
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Database Name

- When you are satisfied with the location, click "Continue" and enter a name for your logger database.

- Take care choosing the name, because it cannot be changed after creation.

- The latitude or longitude cannot be changed after creation.

- Click "Finish" to create your database.

Default Graph View

- You will immediately be shown the default graph with a 7-day forecast.

- Your database will not update with revised forecasts until it is activated from your Subscriptions page.

- As soon as it is activated, we will query meteoblue for new data four times a day.

- Over time, your database will grow to provide historical context for your soil moisture data.
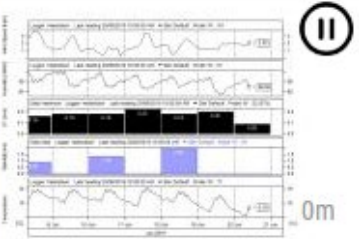
Activating your Database

- You are charged an annual fee for each active logger database in your Loggers folder.

- A given database is either included in the Quota system or is associated with its own unique subscription controlled by the online payment system.

- Most databases are included in the Quota system. The only current exceptions are meteoblue forecast databases.

- To manage your subscriptions, select the link in the User menu in the top-right.

Awaiting Activation

- This section displays meteoblue logger databases that have been created but not yet activated.

- To activate, select the option on the left showing the desired time range and price

  If you do not intend to activate the database, select "Delete database"

  If you do not wish to do anything at this time, select "Activate later"

- When you have completed all your selections, click "Apply selections" to delete the database or activate your subscription

Activation

- Each subscription detail row shows the time to expiry, the name and type of subscription, the currently active database for that subscription (if applicable) and a selection of actions you can take for that subscription.

- You can click anywhere on the subscription row (except for the action selection buttons) to view the default graph for the active database associated with the subscription.

- If you select Activate actions for one or more subscriptions, the total amount due will be displayed in the bottom-right of the screen.
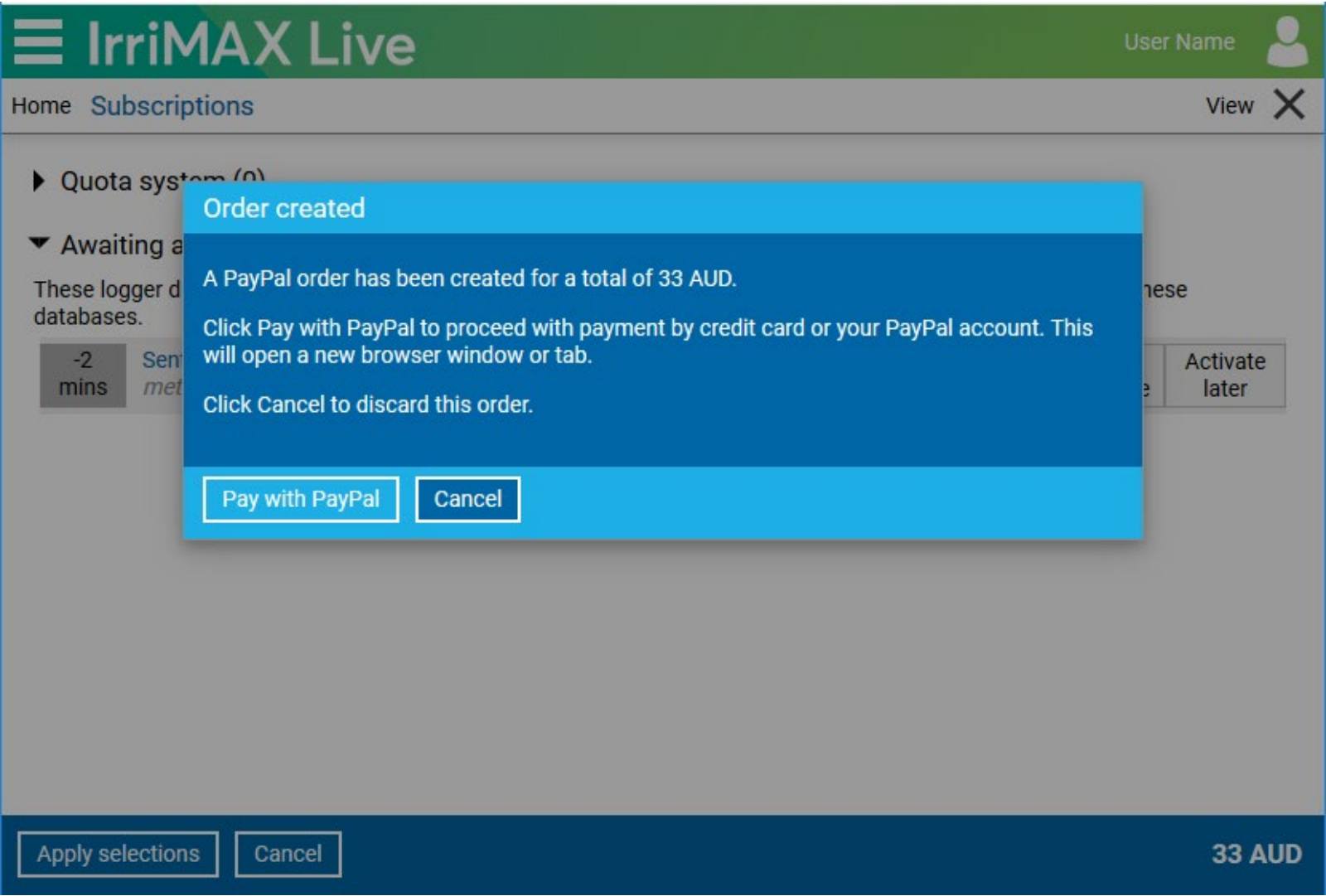
Payment

- If you have chosen any renewal options, a PayPal order will be created and a message box will appear, directing you to click the "Pay with PayPal" button to proceed to PayPal for payment.

- You have one hour to complete the process.

- You may choose to pay with a credit card, you do not have to have a PayPal account to process the payment
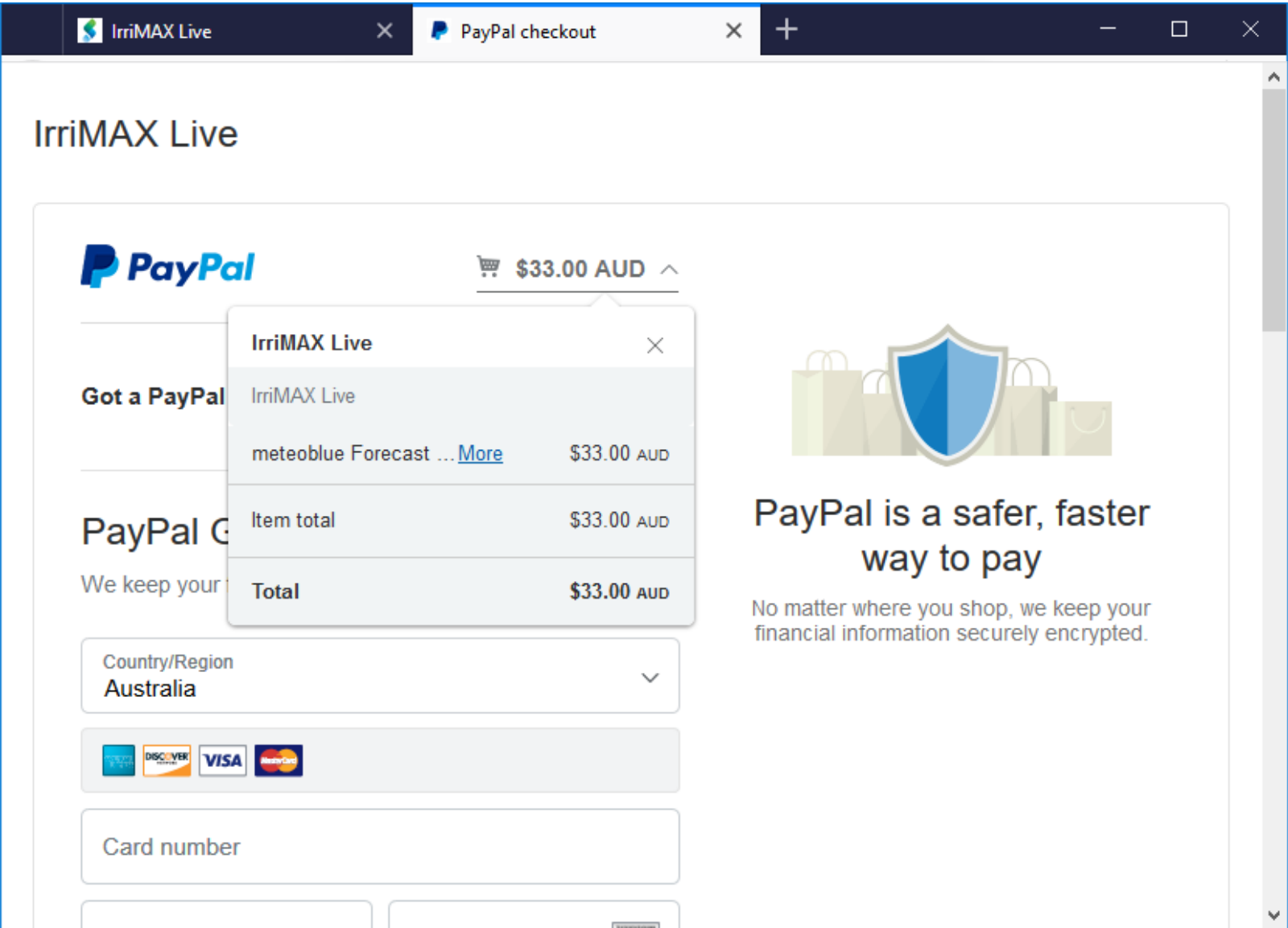
PayPal checkout

- For security, PayPal is opened in a separate browser window or tab. It is possible that your browser settings may prevent the window or tab from being opened.

  If this happens, rectify the settings in your browser and click "Pay with PayPal" to try again.

- When your payment is complete you will be redirected back to IrriMAX Live. At this point you will be directed to close the window or tab to reveal IrriMAX Live waiting patiently underneath.

- Click the "Payment complete" button and the Subscriptions page will update to reflect the new status of your subscriptions.

Process Payment

- When your payment is complete you will be redirected back to IrriMAX Live. At this point you will be directed to close the window or tab to reveal IrriMAX Live waiting patiently underneath.

- Click the "Payment complete" button and the Subscriptions page will update to reflect the new status of your subscriptions.

Close the PayPal Tab or Window

- At this point you will be directed to close the window or tab to reveal IrriMAX Live waiting patiently.

- Click the "Payment complete" button and the Subscriptions page will update to reflect the new status of your subscriptions.
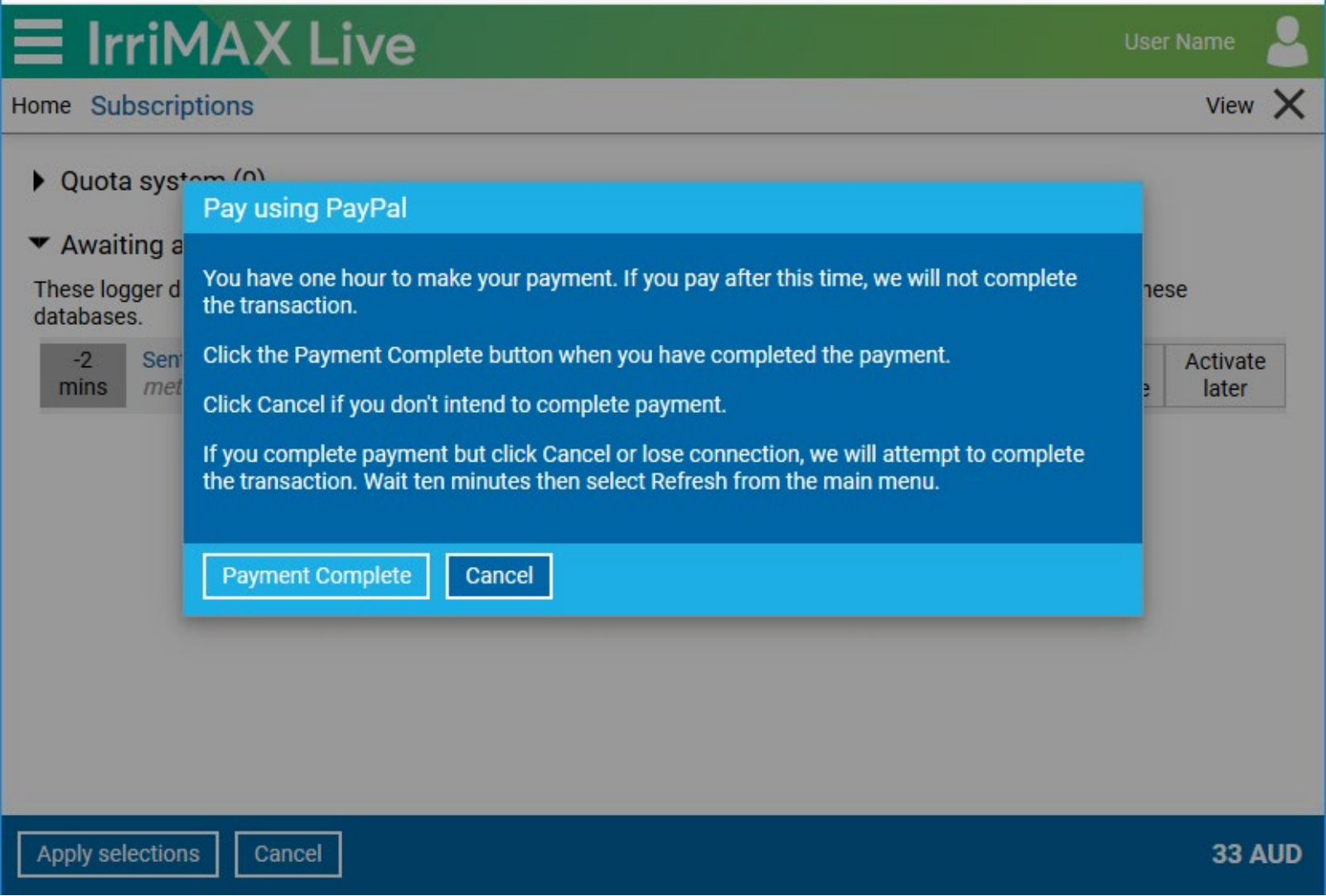
Complete

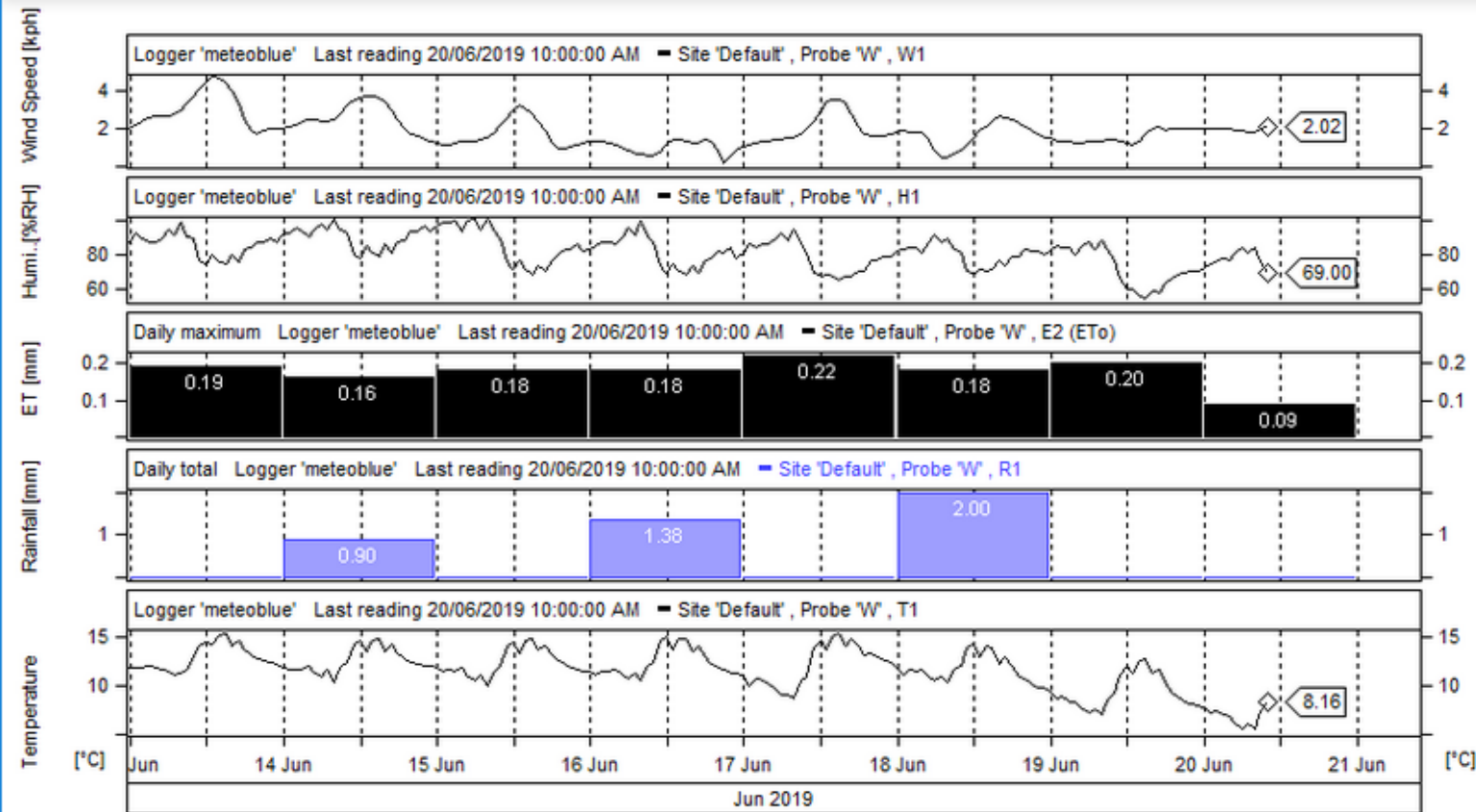- Click the "Payment complete" button and the Subscriptions page will update to reflect the new status of your subscriptions.

Acknowledgement

Success!

- The subscription is now ACTIVATED

Graphs

- You can view the weather data on the default graph.

- This graph does not display every sensor - it omits wind direction, pressure and ETc, and it reduces ETo and rainfall to daily bars.

- You can modify the default graph to suit your needs using the "Add pane", "Remove pane" and "Replace graph" commands.

- You can also create new graphs, or you can copy panes from the default graph and paste them above the soil moisture on other graphs.

Need More Info?

Check the HELP menu on IrriMAX Live

Sentek