

Thank you for your interest in Perennia’s Farm Data Tools! This factsheet will show you how you can create an account, select your nearest station and download historical data. The URL for the site is <https://www.farmdatatools.perennia.ca/>

CREATING AN ACCOUNT

The first thing you will need to do is create a free **MyPerennia account**. If you already have an account, you can skip this step and log into with your existing username and password. Your MyPerennia account will let you access both the **Farm Data Tools site and Perennia Academy**. The tools on Farm Data Tools are free to use, except for the PomeBlight app. This application requires a subscription.

1. Click on Sign Up Today!

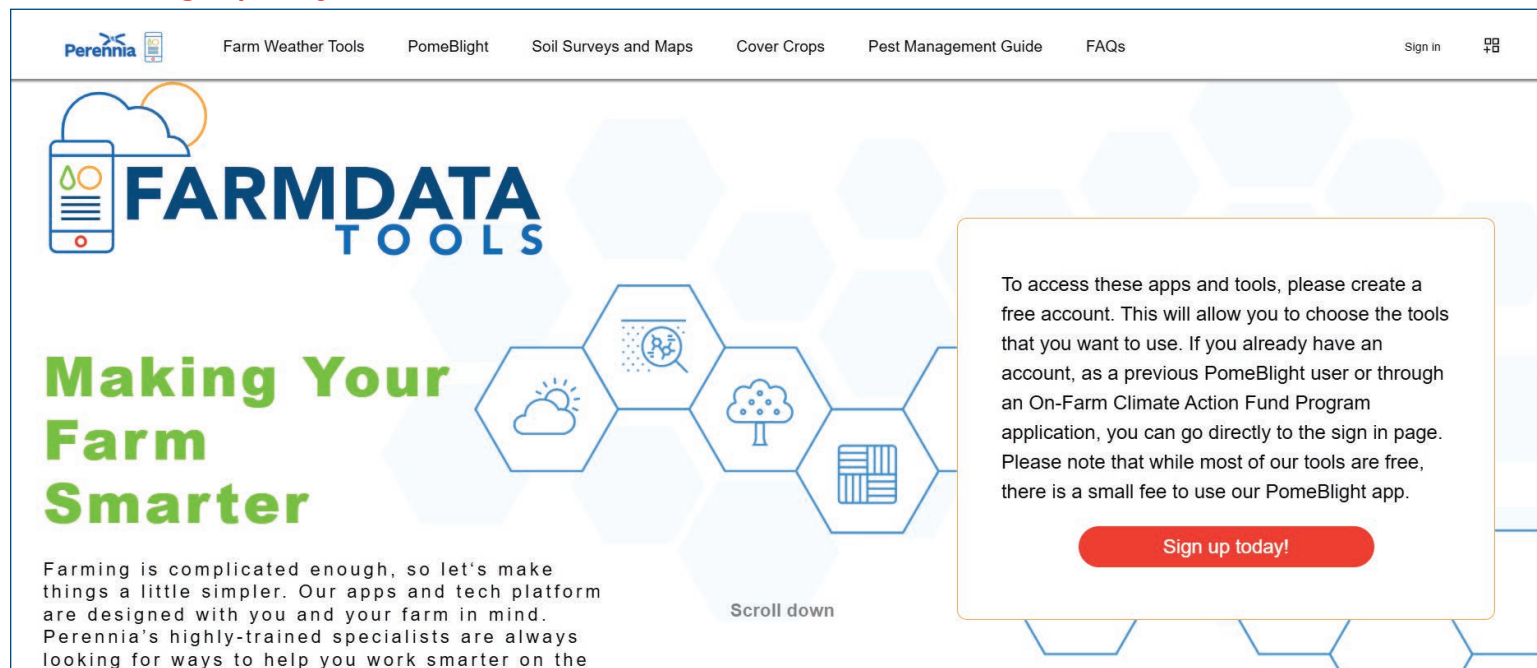


Figure 1: Click “Sign Up Today!”

2. Fill in the required information, and then click Submit on the final screen.

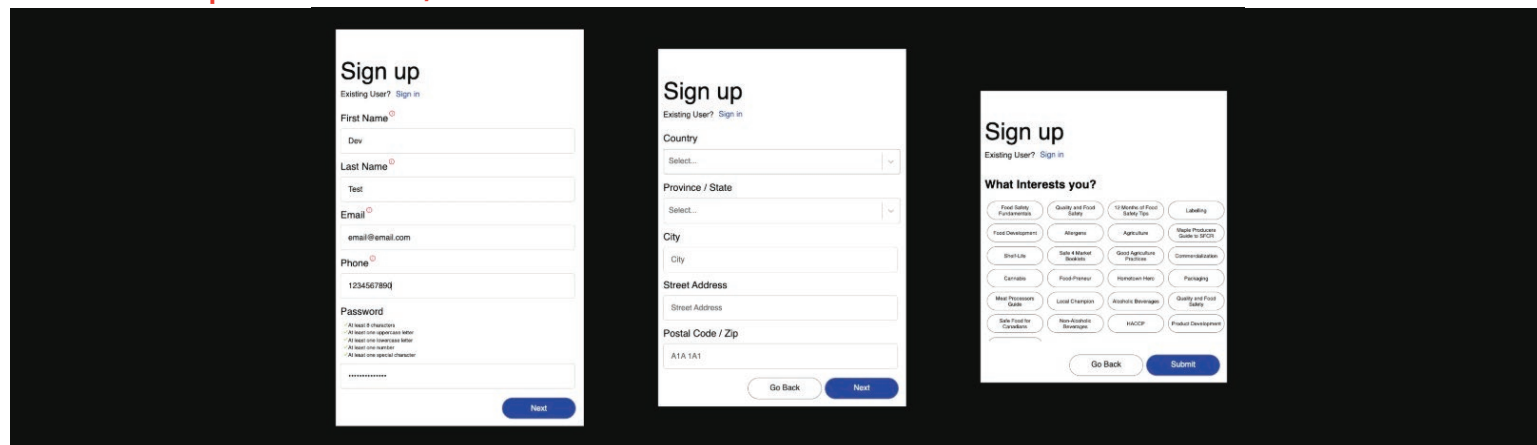


Figure 2: Fill in the required information

3. A verification code will be sent to the email address you entered. Use this code to verify your account. Once your account is verified, you will be able to log in with your new username and password.

SELECTING YOUR STATION

When you log in for the first time, you may find it helpful to visit our FAQ section. This will give you an overview of all the tools included in Farm Data Tools and will show you how you can personalize your dashboard.

By default, all accounts are set to show Halifax as your location. You can change this so that your nearest station appears instead.

1. **Click the search icon (the magnifying glass) near the top right of the map.**

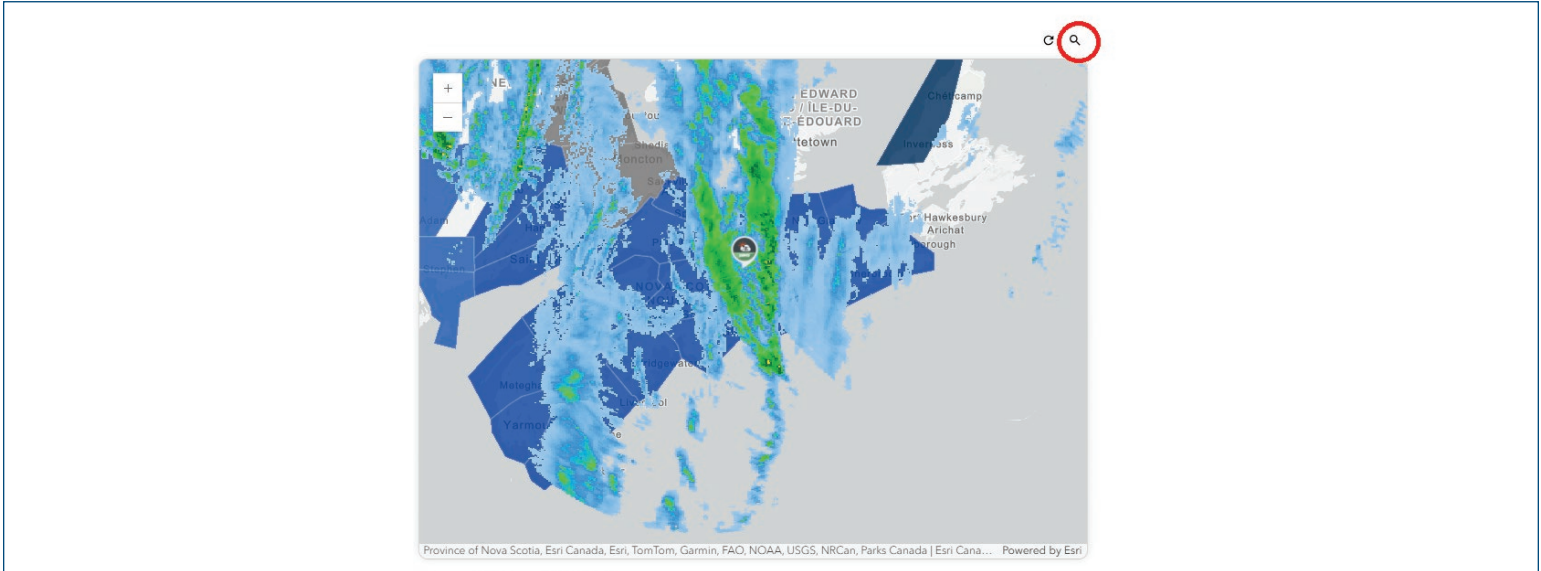


Figure 3: Search icon

2. **Click on New Location.**

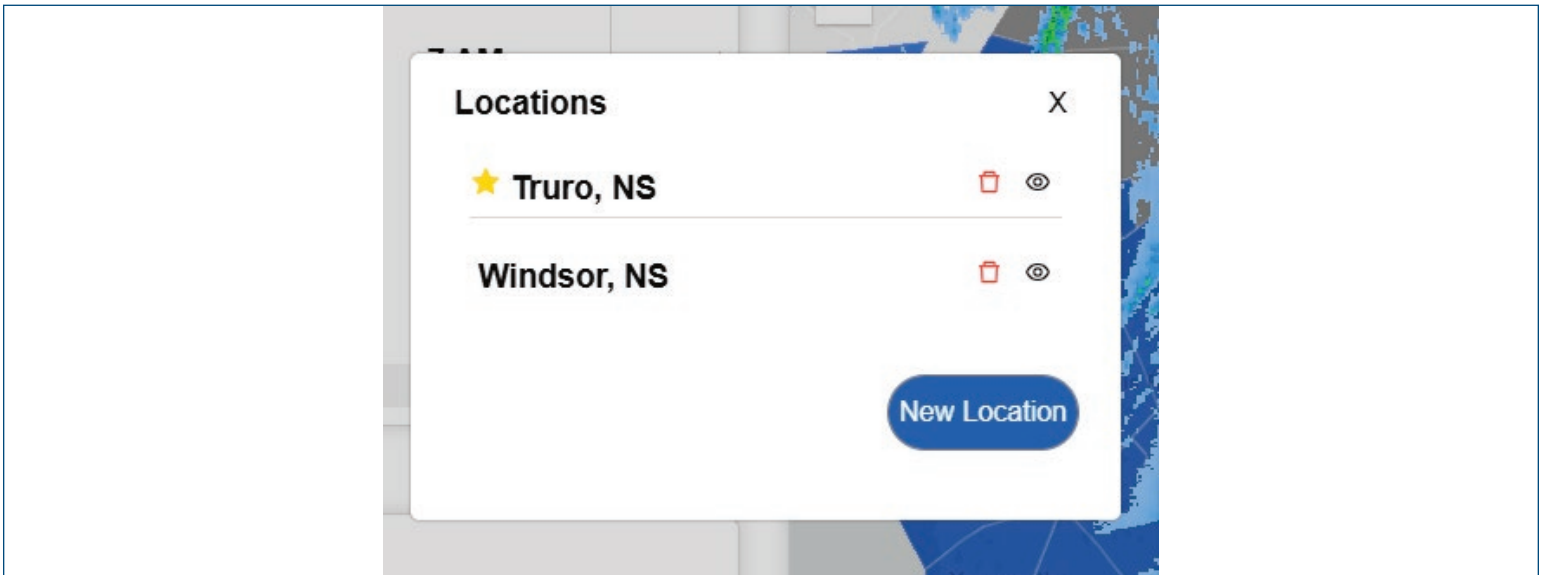


Figure 4: New location

3. **Set Nova Scotia as your province.**
4. **Your forecast location will be your nearest Environment Canada weather station. (The weather stations in Perennia's network do not provide a forecast, only current and historical weather. The Environment Canada station will be used for the forecast on your Dashboard).**
5. **Select your nearest station from the Davis Station drop down.**

- If you want this station to be your Favorite, click to toggle on the Favorite button. You can add multiple stations, but only your Favorite will automatically appear on your Dashboard.
- Finally, click Add Location in the bottom right of the pop-up box.
- Now, your Dashboard should show the location you set as your favorite. If you add multiple locations, you can find them easily by clicking on the search icon (Figure 3) to access the list.

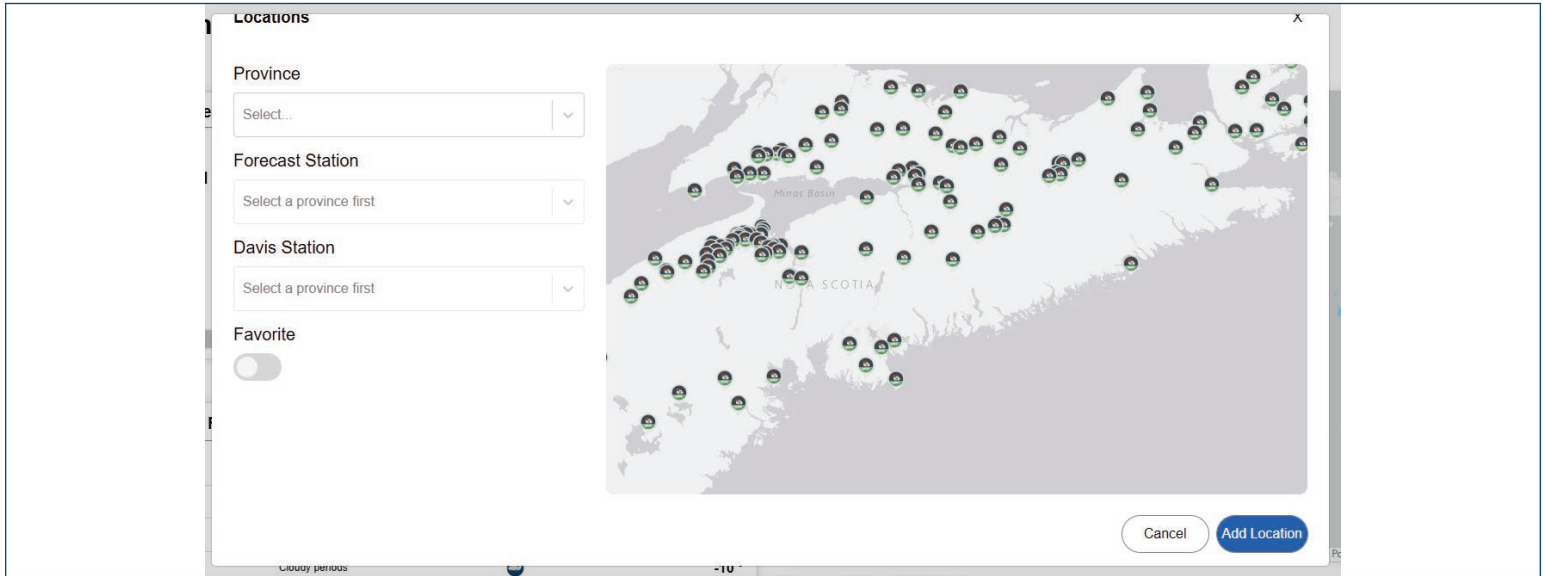


Figure 5: Adding a location

CUSTOMIZING YOUR TOOLBAR

Farm Data Tools contains several different tools and calculators, with more being added as time goes by! You might not use all these tools and may prefer not to have them cluttering your toolbar. Or, you may want to use a tool, but you don't see the icon in your current toolbar. This section will show you how to customize the toolbar so that only the tools you want to see are there.

- Click on the Customize icon near the bottom left of the screen. It looks like some fanned out paint samples.

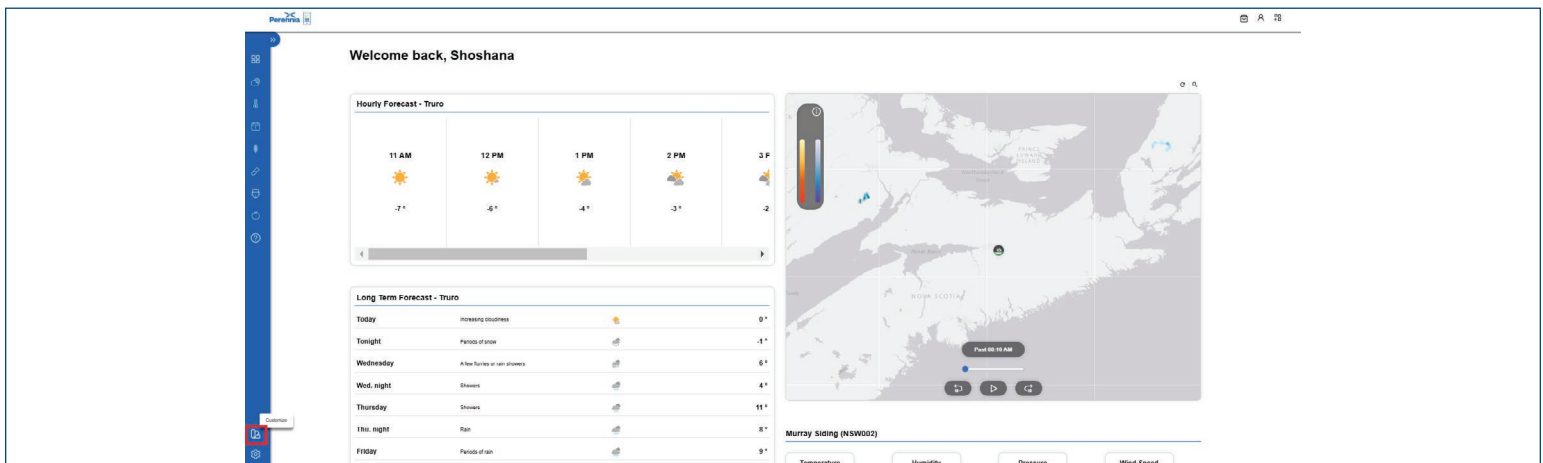


Figure 6: Click customize

2. Once you have clicked Customize, you will see a white bar and a blue bar. Drag tools from white to blue to add them, or from blue to white to remove them.

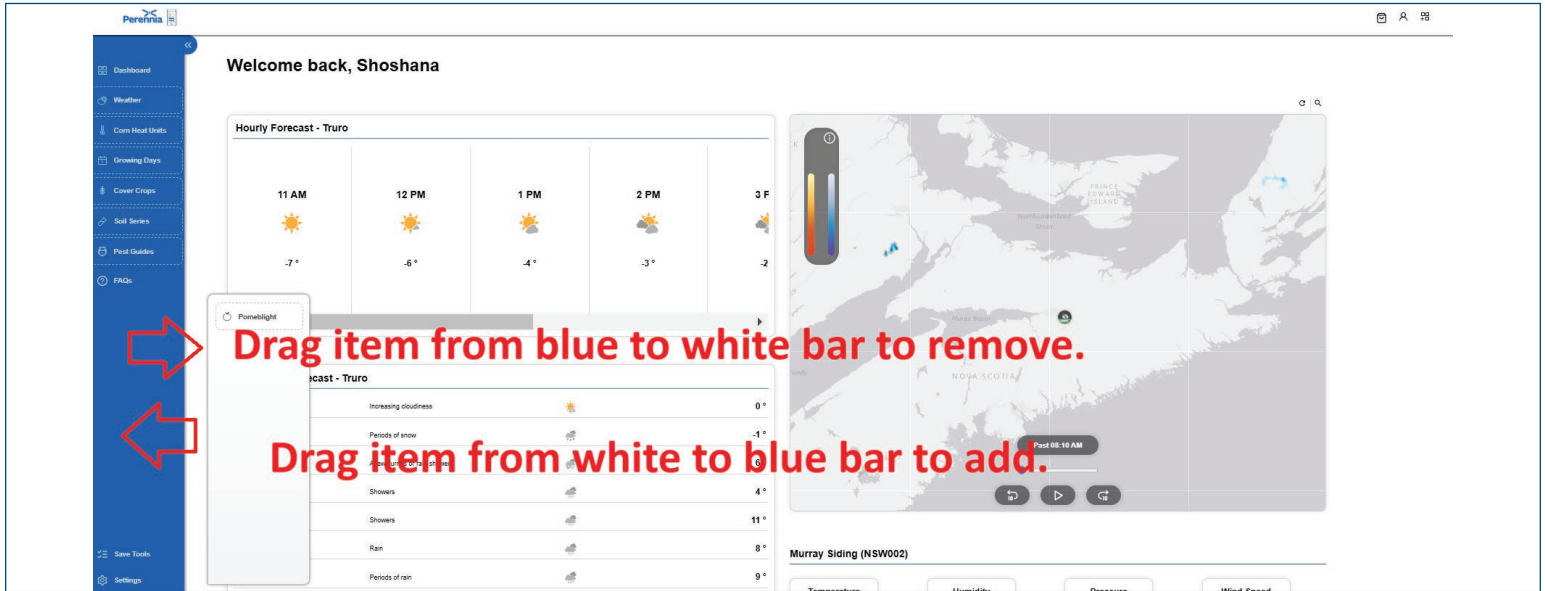


Figure 7: Drag to add or remove tools

3. Click Save Tools near the bottom right.

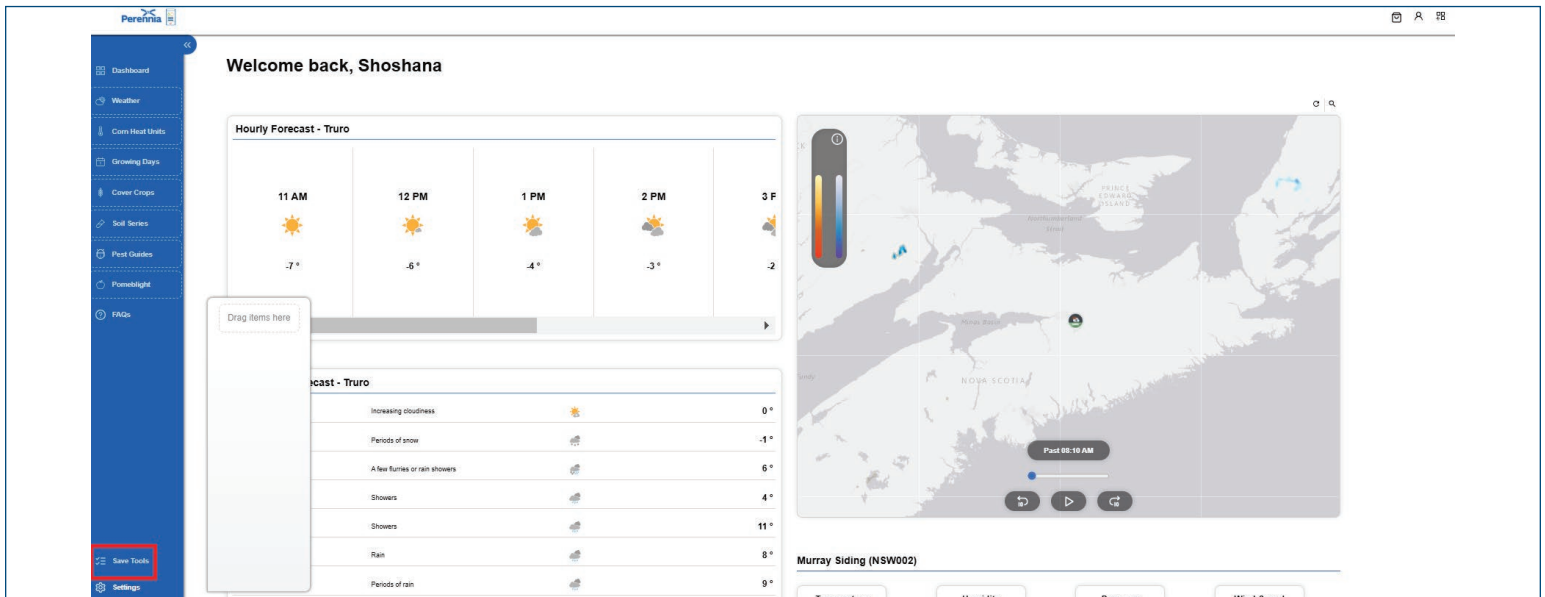


Figure 8: Click Save Tools

VIEWING YOUR HISTORICAL DATA

Perennia’s weather stations will collect data every 15 minutes from the time it is installed. While your Dashboard will show you the current data, you may want to look at the historical data from a station as well. To do this:

1. Click on the Weather icon on the left side of the screen. This is the icon shaped like a cloud and sun.

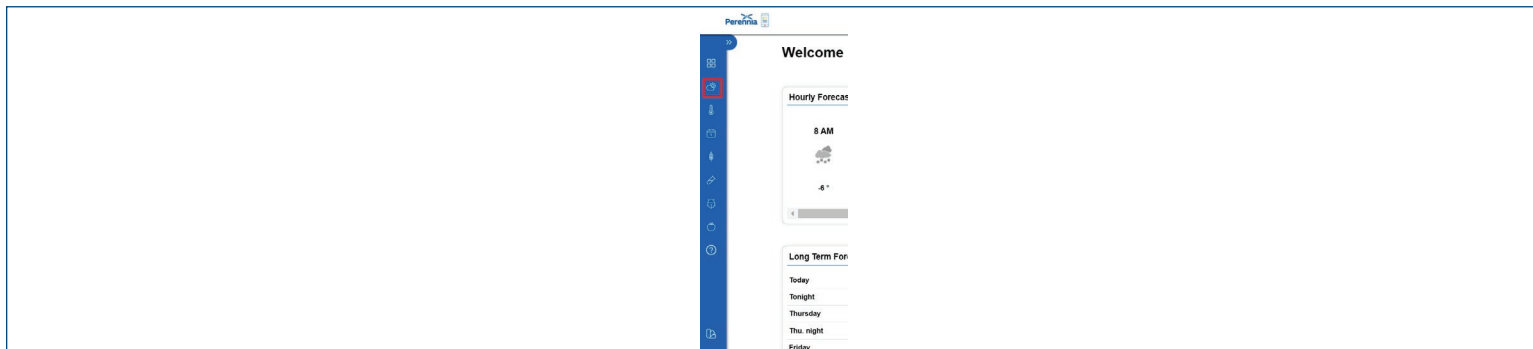


Figure 9: Weather icon

2. Select your start date and duration, then select your preferred station from the dropdown menu. Click the Search icon (the magnifying glass).

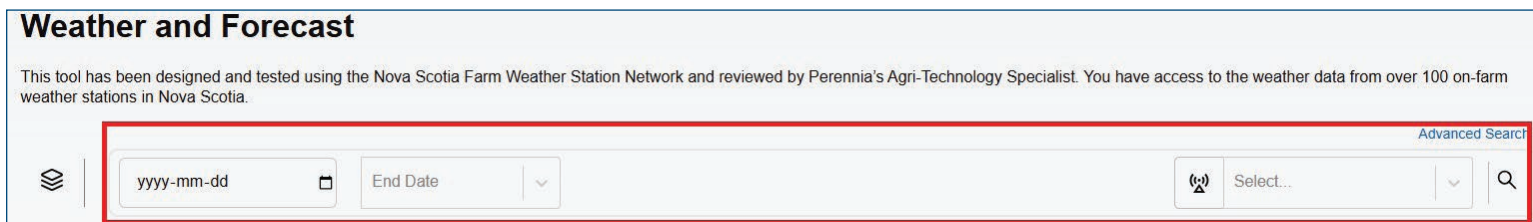


Figure 10: Start, end dates and station menu

3. Your data will now be displayed for the time range you selected. You can view it on screen, download it for future use by clicking the cloud icon, or click the Summary Report option to get daily summaries of the data.

Date	Barometer kPa	High Temp °C	Low Temp °C	Humidity %	Dew Point °C	Wet Bulb °C	Wind Speed km/h	Wind Chill °C	Wind Direction	Heat Index °C
2025/01/18 - 03:01	30.2	2.2	-16.9	85	-18.9	-17.2	0.0	2.0	SE	-16.7
2025/01/18 - 03:16	30.2	2.2	-16.9	85	-18.9	-17.2	0.0	2.0	SE	-16.7
2025/01/18 - 03:31	30.2	2.2	-16.9	84	-18.9	-17.0	0.0	0.0	E	-16.7
2025/01/18 - 03:46	30.2	2.2	-16.9	84	-18.9	-16.9	0.0	2.0	E	-16.7
2025/01/18 - 04:01	30.2	2.2	-16.9	84	-18.9	-16.9	0.0	2.0	E	-16.7
2025/01/18 - 04:16	30.2	2.2	-16.9	85	-18.3	-16.8	0.0	2.0	W	-16.7
2025/01/18 - 04:31	30.2	2.2	-16.9	85	-17.8	-16.4	0.0	3.0	N	-16.1

Figure 11: Historical data with download and summary options

CHANGING WEATHER MAP LAYERS

The map in the Weather Tools section shows all the connected stations across the province. By default, it will display the current temperature. You can use the Layers icon to select different sensors. For example, you can make the map display the current humidity or wind speed. Just click the icon in the top left corner of the map. This icon will also let you select different base maps.

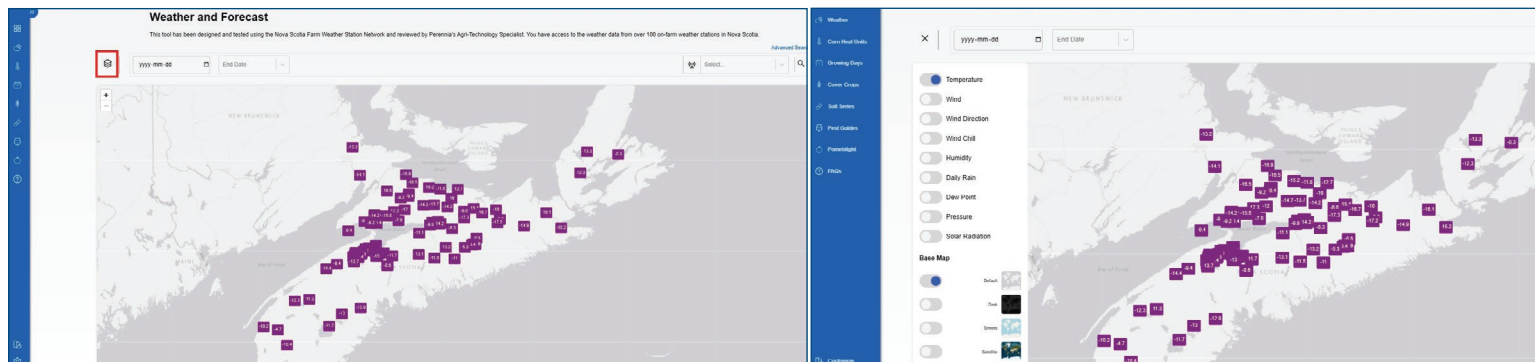


Figure 12: Layers icon (right) and available sensors (left)

Thanks again! If you have any questions, please feel free to contact us

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