

Weather Station Information

By using The Weather Company as the service provider for weather forecasting and history within the Hydrawise platform, the data that we provide is even more accurate. We will continue to use Weather Underground for customers who want to connect to their own weather stations (PWS).

This support article will include the following information:

- **Understanding the Forecast**
- **Understanding the Weather Station Options**
- **Selecting the Weather Station**

Understanding the Forecast

The Weather Company updates its Day 1 (today) and Day 2 (tomorrow) forecasts hourly and Day 3 forecast daily. Localized forecasting is now within 1,500' or 500 m of the location and forecasting occurs hourly instead of daily.

Data is gathered from the following areas:

- 120,000+ Weather stations (every available weather station on the Weather Underground network)
- 162 forecast models
- Atmospheric data from 50,000 flights per day
- 15 Million Pressure readings from mobile devices
- Satellite image and Geo-location weather photo's.

The Weather Company provides updates to Day 1 (today) and Day 2 (tomorrow) forecast every hour and day 3 to 14 daily.

Home plans - Water Schedules are updated daily around 2 AM based on the current forecast and observations. We will update the Dashboard forecast only once during the

day.

Enthusiast Plans - Watering Schedules are updated about 2 AM and also an hour or so before each start time based on the most recently available hourly forecast and observations We will also revise the dashboard forecast & reports every time we change the Watering Schedule.

Note: The display will not show “today” because today has already started.

Rainfall Forecast: Hydrowise takes the high percentage of the full 24 hour day to determine the percentage of precipitation (POP). So either the day or a night POP of 100% will give an overall POP of 100%. If there’s 100% chance of rain in the evening then it is also 100% chance of day in that 24 hour period.

Understanding the Weather Station Options

Setting your location allows your Hydrowise controller to adjust watering based on your local weather conditions.

IMPORTANT: Your weather forecasts and local weather stations are based upon your location so it is important to configure your location correctly in the application.

The chart below has the stations available based on the plan you have on your account.

- The BLUE station would be the station you selected in that area.
- The check boxes allow you to remove the **visibility** of available stations in your area.
- A virtual weather station will always appear on your exact address since it is virtual and hardware at the site does not exist. For more information on virtual stations, click [here](#)

[1].

Station Options	
Personal Weather Stations	Five stations can be selected on the Enthusiast plan (Green Stations)
Airport Weather Stations or Virtual Weather	Only one station can be selected on a free Home Plan (Purple Stations)

Station

Weather Stations

Your Home plan allows you to choose 1 Free Airport or Virtual Weather Station updated daily. You can [upgrade](#) to an Enthusiast plan at any time to support multiple weather stations. With multiple weather stations your weather readings are averaged out to give a higher degree of rainfall accuracy.

Selecting the Weather Station



Closest Station 0.00 mi
Garrison Rd, Highland Falls, NY, USA

Please view the steps and screenshots to access this feature:

11 Stations

9 Free Airport Weather Stations

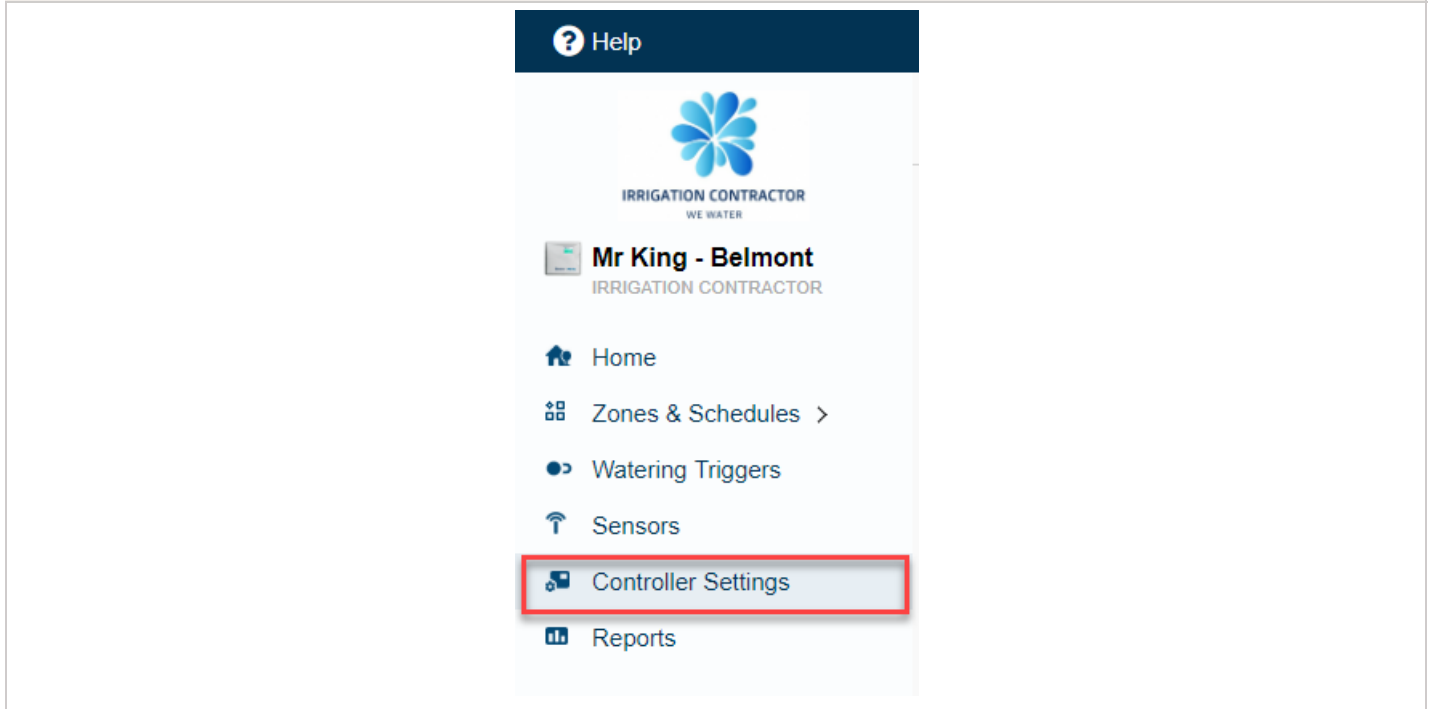
1 Free Airport Weather Stations

Selected Weather Stations

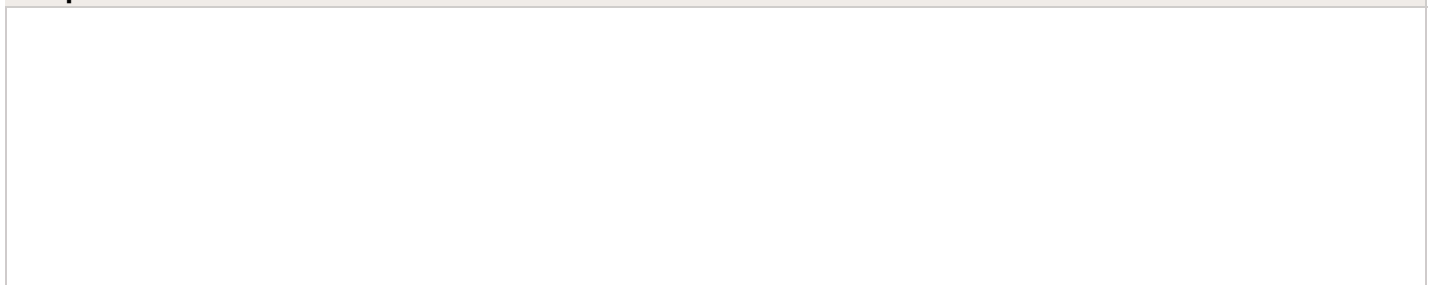
Show weather stations not reporting temperature and rainfall

1. From the home menu on the left hand side of the screen, select **Controller Settings**.
2. Click one of the circle icons to select a **"Weather station"**.
3. Enter the location of your controller with full street address and click **Click arrow icon** to update.
4. Click on the most relevant weather station(s). To start using a station, press the **Select** button.

Step 1



Step 2



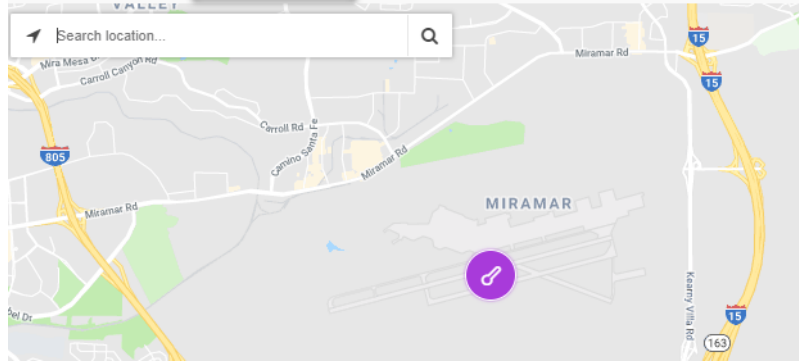
Settings

Controller Settings

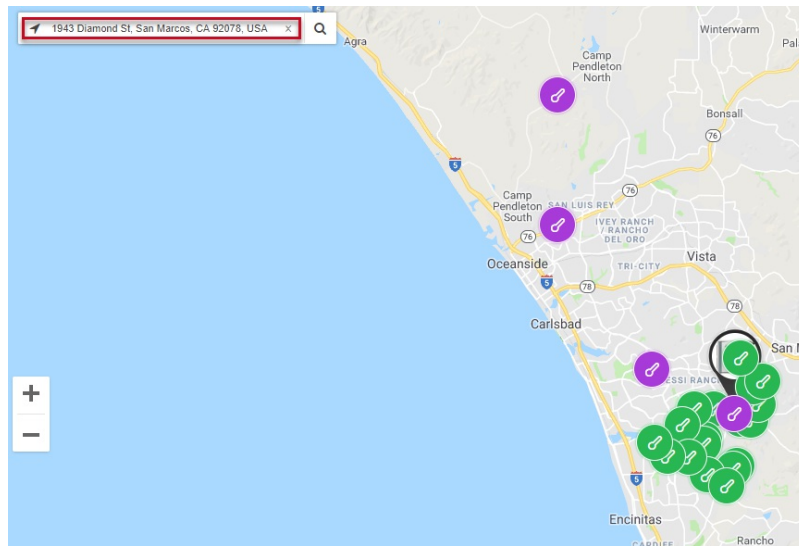
Weather Stations

Expanders

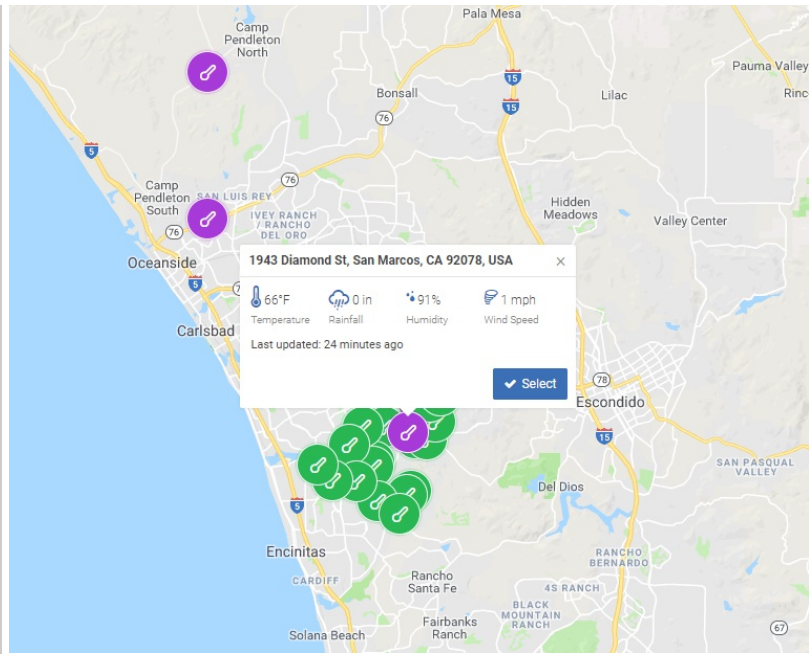
Offline Adjustments



Step 3



Step 4



Information from the weather station(s) is used to determine whether to suspend watering (due to high local rainfall for the day or week) or water more (due to high current temperature).

If you have an [Enthusiast Plan](#) [2], we recommend that you select three or more weather stations in your area to average out abnormalities in individual weather stations.