

Smart Watering - Adjustment and Changes

Smart Watering is an automated watering schedule that uses information about environmental conditions to ensure your plants get the optimum amount of water. Evaporation will draw moisture from your garden, while rainfall and irrigation will add moisture. Understanding these conditions allows Hydrowise to decide when the time is right to water your garden.

NOTE: This calculation occurs in the background and may not always be reflected when checking reports or viewing your **Dashboard**. However, the feature does work and is reliable even if you can't visibly see these calculations.

In this example, there are two Smart Watering zones highlighted in red:

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The **Watering Triggers** use Smart Watering Adjustments and have been left as default, with both switched on:

NOTE: If you turn off **USE FORECAST TEMPERATURE TO PREDICT SMART WATERING**, your Smart Watering zones will not water. This will occur since all calculations have been switched off, and Smart Watering is calculated using weather data to predict estimated soil moisture balance. You can use this feature when you don't want any watering to occur without suspending your Smart Watering zones.

The second option, **USE FORECAST RAINFALL TO PREDICT SMART WATERING**, assists with delaying irrigation when rain is predicted. Refer to the example below to see how this is affected when it is turned off.

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Your watering schedule will look like these settings combined with the weather forecast from your selected weather station.

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Now, if we are to change the watering trigger on the second option to off as shown below:

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When checking your watering schedule, you will notice that it has been changed to water a day earlier on both zones. This is because the trigger "Use forecast rainfall to delay Smart Watering" is on (this is based on the calculations from the weather station; there is rain predicted on 18th). It has not been scheduled to water on that day, and watering has been pushed to the 19th. However, since we turned off this feature, watering will occur regardless of rain is predicted.

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Smart Watering schedules are based on estimated soil moisture balance and how you specify the watering length and peak watering frequency. Thus, the higher your estimated soil moisture balance, the less likely a smart watering zone will be scheduled to water. More importantly, please remember that Smart Watering only forecasts three days in advance. If there is no watering scheduled during the next three days, you will see **Not Scheduled** next to **Next Run** when you highlight over your Smart Watering zone on your dashboard.

If you choose to change the watering adjustment, you can always go to the tuning tab on any zone for **Smart Watering Predictive Watering™** to modify the peak watering day as shown below: For example, if you have a peak watering day set to 2 and the slider is changed to -50%, this will add a day to the peak watering day making it 3.

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Please refer to this [link](#) [1] to gain further understanding of smart watering if needed.

Smart Watering and time-based **Predictive Watering™** achieve similar water savings due to "predictive weather" watering triggers, time-based watering is easier to understand and adjust.