


Trigger "Water More Often When Hot"

The **WATER MORE OFTEN WHEN HOT** feature will allow the end-user to water a second time based on the current climate condition of the temperature reading. This is only available when using Time Based Watering type in Advanced Mode. Please view the steps and screenshots to access this feature:

1. Click on **ZONES and PROGRAMS** from the home dashboard.
2. Scroll down to the first zone you choose to edit. Click on the  icon.
3. Choose the watering type **TIME-BASED SCHEDULE** and click **NEXT**.
4. Change the watering frequency to **INTERVAL BASED WATERING** number one. Check the box for **WATER MORE OFTEN WHEN HOT**.
5. Scroll to the bottom of **ZONES and PROGRAMS** to create a 2nd start time. Follow the instructions below.

IMPORTANT: Make sure you have all zones selected for the start times created (or, at the very least, the zone you intend to "Water More Often When Hot").

Step 1

Choose the plus sign for "**Add watering Time.**"



Step 2

Choose a "**second start time**" and click "**next.**"



Step 3

Choose the water type "**Low Priority Watering Time**" and click "**next.**" Low-priority watering times are used when you do not have Normal, Odd Week, or Even Week watering schedules available and a zone needs to run. A low-priority watering time can be useful where you want the controller to insert extra watering cycles between your normal watering cycles on hot days.

□

Step 4

Make sure you apply to the correct zones and click "**ok.**" □

Step 5

Set the one trigger highlighted accordingly.

You can set the trigger up however you like. See below for this example:

When you check your **Watering Schedule** on the days that meet your watering triggers, extra watering will occur. For example, you will notice all watering that has been set to start at 6p.m. is "extra watering watering due to temperature."

Setting your frequency affects how this feature works. For it to work correctly, you must always have an extra program start time that is above your watering frequency. In our example, we used "water once a day" and created two program start times so extra watering can occur once. If you want to change this, you must ensure the above is met. For instance, if you have set watering to twice a day, you must create three program start times for the third program start time (the extra watering schedule) to take effect.

NOTE: Due to changes made to this setup, the extra zones do not show on the above screenshot because those are passed events on my watering schedule. At this time, due to weather changes, no extra watering has been scheduled. Thus, only past events were used in this example.

IMPORTANT: To ensure that "Water More Often When Hot" works, you need to have an extra program start time that is above your watering frequency. If you select "Every Available Program Start Time" as a watering frequency, this feature will not work because watering is already scheduled for all program start times.

The general calculation is:

$\text{<number of times per day> multiplied by } (1 + \text{<trigger percentage>}) = \text{number of watering times for the day (rounded down)}$

So, for once a day and a 50% trigger, the calculation is:

$$1 \times (1 + 0.5) = 1.5 = \text{once a day (rounded down)}$$

Twice a day multiplied by $(1 + \text{trigger percentage})$ could be greater than 2 if the percentage is greater than 50%:

$$2 \times (1 + 0.5) = 3 = 3 \text{ times a day}$$

Twice a day multiplied by $(1 + \text{trigger percentage})$ with a trigger percentage of 100% would give you 4 times a day:

$$2 \times (1 + 1) = 4 = 4 \text{ times a day}$$

IMPORTANT: If you require multiple watering's per day, this is the one situation where low-priority watering times are useful. You could have a normal watering time of 6 a.m. and 6 p.m. and a low-priority time of 12 p.m., which will get used only if you are watering more often and you need a third cycle for the day.

Please feel free to test this setup as you see fit for your watering needs. Should you have further questions, send an email to support@hydrowise.com [1].