

Cleaning your TAHMO Station

The TAHMO station needs to be checked every month to verify there are no obstructions and all instruments are clean. When you clean the station, you will need to bring a chair/stool to reach the station, a damp cloth, and paperclip or stick.

Go to the location of your TAHMO weather station. Enter the fenced area, closing the gate after you, and set up the chair or stool securely so you can reach the top of the weather station. To clean the weather station, complete the following three tasks:

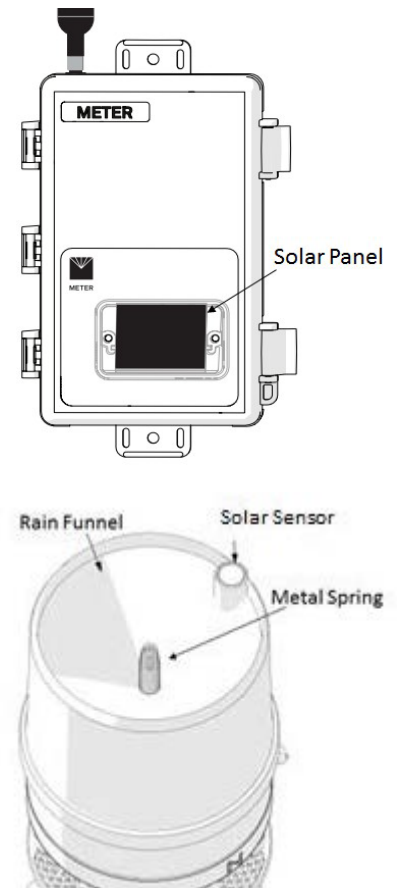
1. Wipe off the solar panel on the data logger box using the cloth.
2. Wipe off any dust from the solar sensor using the cloth. The solar sensor is located on the side of the rain funnel and is a small circle.
3. Remove any leaves, bugs, or bird droppings from the rain funnel using the cloth. The rain funnel is located on the top of the weather station. You can use a paperclip or stick to remove any twigs from the spring.

Only remove the rain funnel if it is very dirty and needs more extensive cleaning. You can remove the top of the rain funnel by pressing down and twisting it off counterclockwise. Use caution when opening the device to be careful not to break the wires connecting the solar sensor to the main body of the TAHMO station. Carefully disconnect the wire and continue cleaning. You can remove the metal spring in the center of the rain funnel in order to remove any pieces blocking the funnel. Re-secure the metal spring by gently pressing and turning the spring into the funnel hole. When you replace the funnel onto the weather station, plug back in the wires then align the funnel by pressing down and twisting clockwise.

Remember to close and lock the gate when you leave. Thank you for helping to keep the station running and producing quality data for use in agriculture, disaster management, and climate adaptation!

If you have concerns about your station or are having problems cleaning your station including finding the rain funnel, solar sensor, or solar panel on your station, please email your TAHMO country representative for help or email info@tahmo.org or S2S@tahmo.org. Additionally, please contact us if you have any other concerns about your station.

The next page provides a checklist and a cleaning schedule that should be filled out each month to ensure regular cleaning. Please place the day of the cleaning and a check or remark in each box when the function is performed.



Monthly Checklist

1. Wipe the solar panel
2. Wipe the solar sensor
3. Wipe the rain gauge
4. Check whether the data for all the parameters: school2school.net
5. Clean the weather station site

	Jan Day:	Feb Day:	Mar Day:	April Day:
Wipe Solar Panel				
Wipe Rain Gauge				
Sonic Mirror				
Does the station show data for all parameters?				
REMARKS:				

	May Day:	June Day:	July Day:	August Day:
Wipe Solar Panel				
Wipe Rain Gauge				
Sonic Mirror				
Does the station show data for all parameters?				
REMARKS:				

	September Day:	October Day:	November Day:	December Day:
Wipe Solar Panel				
Wipe Rain Gauge				
Sonic Mirror				
Does the station show data for all parameters?				
REMARKS:				

If any sensor is not working, or your school require assistance, please contact your country coordinator, or send an email to s2s@tahmo.org