



The wet sensor detects rain and stops measurements to protect the sensor head from water when it is raining. As soon as the wet sensor is activated, the photometer stops its measures and goes to the ORIG position to avoid water accumulation on the sensor head lenses and inside the collimator.

### ***Weekly check preventive maintenance***

- To check that the wet sensor functions correctly. Clean it lightly with demineralised water and a non-abrasive tissue.
- Go in the **MEASURES** menu and look at “**wetting**” parameter.
- If wet, “**wet**” is displayed, if not “**dry**” is displayed. In order to test the sensor if it is not raining, wet it with water and wait around 20s, the value of wetting should go from “**dry**” to “**wet**”.
- If the sensor is dry and “**wet**” is displayed, disconnect the RJ11 wet sensor connector and inspect the RJ11 connector for corrosion. Below are the two possible scenarios:
  - A. If “**absent**” is displayed, dry wet sensor and RJ11 connector with a hair dryer, reconnect the RJ11 connector, wait around 20s and the value should return to “**dry**”.
  - B. If “**wet**” is displayed, remove connector panel and using a hair dryer, dry the wet sensor connector jack, reconnect connector panel and RJ11 wet sensor connector, wait around 20s and the value should return to “**dry**”.

### ***The possible causes that may lead to a constant humidity:***

- Continuous rain (4 days a week with rain the full day).
- The wet sensor is close to the sea or the ocean and the wind carries on regularly marine spray on its direction.
- Dew in the morning takes a long time to evaporate.
- The wet sensor is damaged, time worn or broken. The wet sensor is quite sensitive, especially the resistive part on its head which can be deteriorated with rough meteorological conditions.

### ***Procedure to follow:***

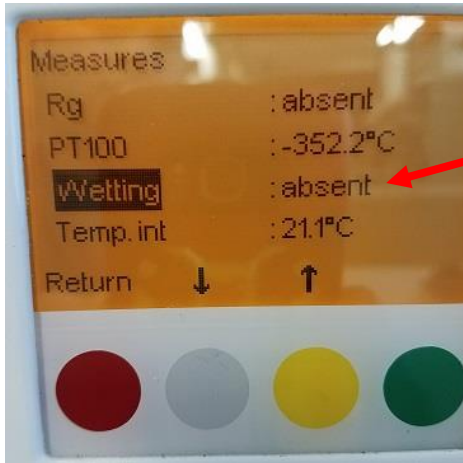
- Try to slightly orientate the sensor to the east, it will then be exposed quicker to the morning sun and the dew will evaporate faster.
- Try to protect the wet sensor from possible marine spray.



Scroll down to **MEASURES**  
and press **Enter**



You will now see this  
screen, scroll down until  
you see **Wetting**



Here you will see either **absent**,  
**Dry** or **Wet**