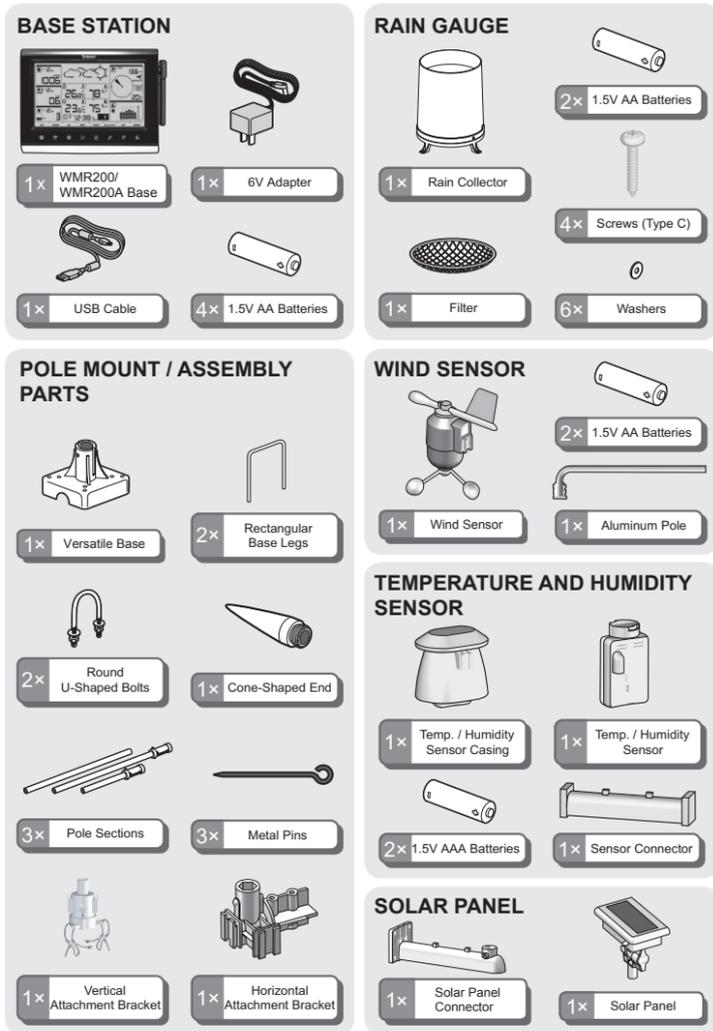


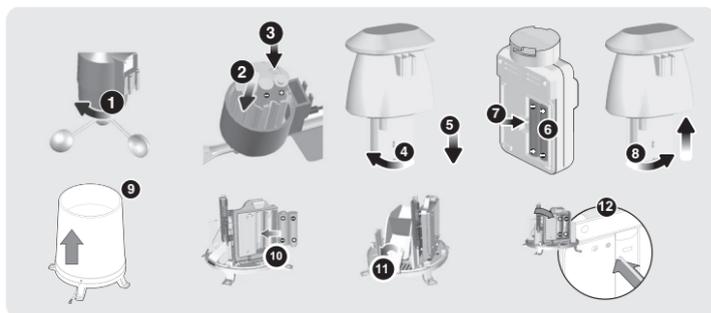
QUICK START GUIDE
WMR200/WMR200A PROFESSIONAL
WEATHER STATION

A UNPACK

Make sure that you have all of the parts shown here before the installation of the Professional Weather Center.



B SET-UP SENSORS



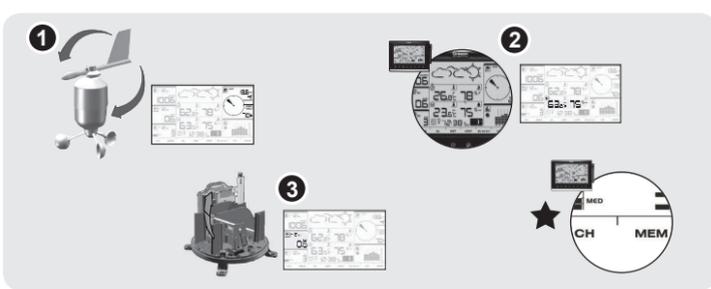
- Unscrew the anemometer part of the wind sensor.
- Slide the battery cover off and insert two AA batteries matching the polarities (+/-).
- Press the **RESET** button.
- While holding the sun shield, turn the sensor counter clockwise.
- Pull down the sensor.
- Slide the battery cover off and insert two AAA batteries matching the polarities (+/-).
- Press the **RESET** button.
- Insert sensor back into heat shield, turn clockwise to secure.
- Remove the two base screws located on the bottom rim of the rain gauge and slide the hood cover off to expose the battery compartment.
- Locate the battery compartment and open the battery door and install two AA batteries.
- Remove the packing tape from the tipping funnel.
- Press the **RESET** button.

C SET-UP BASE STATION



- Install 4 AA batteries located at the bottom of the base station.
- Install power plug into the base station and insert the AV adapter into the wall outlet.
- Press the **RESET** button.

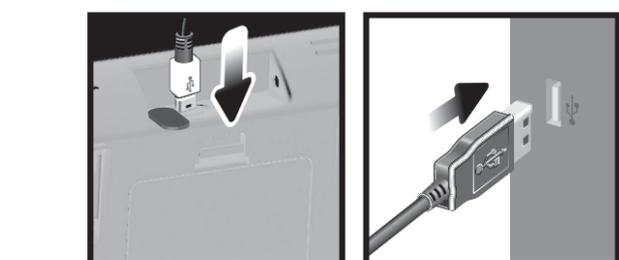
D VERIFY CONNECTION



Before proceeding to install sensors outside, please verify communication to the base station.

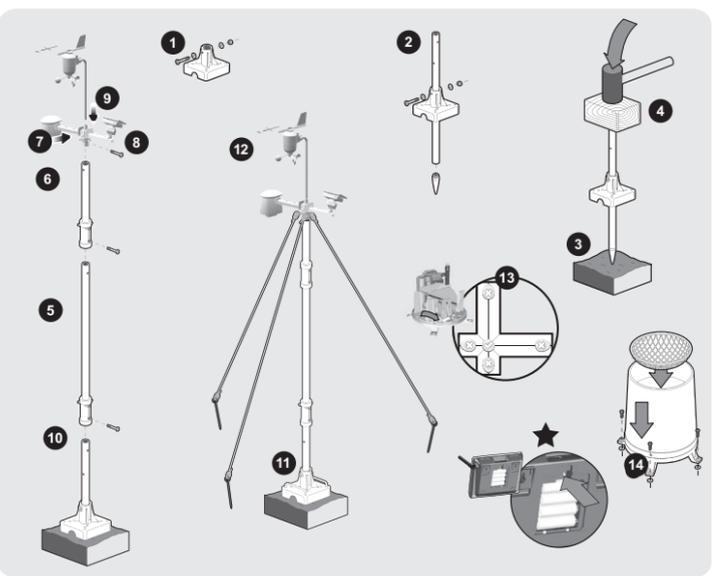
- Wind Sensor**
 - Wind speed: Gently rotate the wind vane and confirm a numerical reading on the base station, e.g., 1.9.
 - Wind direction indicator: Move the direction of the wind indicator and verify the icon moves in the same direction.
 - Temperature / Humidity Sensor**
 - Verify a numerical reading in Channel 1 of LCD display.
 - Rain Gauge**
 - Tilt the tipping funnel on the rain gauge several times and verify a numerical reading on the base station.
- ★ If no reading is displayed for a sensor, press and hold **CH** and **MEM** on the LCD screen of the base station to initiate a wireless sensor search.

G TO UPLOAD RECORDS ONTO PC



- Plug USB Cable into the USB port of the base station and your computer.

E SET-UP POLE

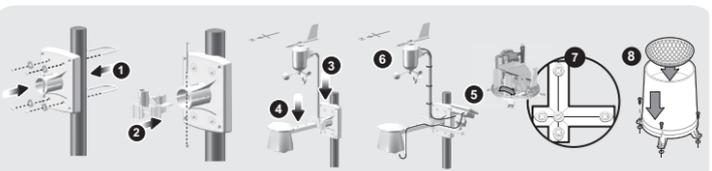


Option 1 – with mounting pole

- Screw off the included nut and bolt from the versatile base.
- Insert the bottom pole until the middle screw holes align with the versatile base. Re-insert the nut and bolt and fasten. Remove screws from “cone shape” end and insert end into the base of bottom pole. Re-insert screws and fasten.
- Use the guiding end to start inserting bottom pole at a perpendicular angle into the ground.
- Place a wooden block on the top of the bottom pole. With a hammer, hit the wooden block to hammer the guiding end into the ground until the versatile base reaches the base of the ground.
- Attach the bottom pole with the middle pole and top pole.
- Slide vertical attachment bracket onto the top pole. Re-insert screws and fasten.
- Slide sensor connector onto one side of the vertical attachment bracket. Attach outdoor sensor to connector.
- Slide the solar panel connector onto the other side of the bracket. Attach solar panel and adjust.
- Insert aluminium pole with wind vane until screw holes align with attachment bracket and screw to secure. Plug solar panel cables into outdoor sensor and wind vane.
- Insert two rectangular base legs into the versatile base to firmly fix the pole to the ground.
- For better stability, attach the tension strings to the pins and drive the three pins into the ground.
- Rotate the North indicator reference line to the North and align the wind indicator in the same direction.

Rain gauge:

- Place the rain gauge on a level surface and place a few drops of water to check the horizontal level. You can adjust the level when securing the rain gauge on the level screws by using the mounting screws.
 - Slide the hood cover on and secure with 2 base screws located on the bottom rim of the rain gauge.
- ★ Press **RESET** button on base station to erase all testing data.



Option 2 – with side mounting kit on an existing pole

- Using the two U-bolts, secure the versatile base on the existing pole with the four washers and bolts.
- Screw off the included nut and bolt from the versatile base. Insert the horizontal attachment bracket into the versatile base. Re-insert the nut and bolt and fasten.
- Insert aluminium pole into horizontal attachment bracket. Align screw holes and screw to secure. Slide wind sensor onto aluminium pole.
- Slide sensor connector onto the front of the vertical attachment bracket. Attach outdoor sensor to connector.
- Slide the solar panel connector onto the side of the bracket. Attach solar panel and adjust. Plug solar panel cables into outdoor sensor and wind vane.
- Rotate the North indicator reference line to the North and align the wind indicator in the same direction.

Rain gauge:

- Place the rain gauge on a level surface and place a few drops of water to check the horizontal level. You can adjust the level when securing the rain gauge on the level screws by using the mounting screws.
 - Slide the hood cover on and secure with 2 base screws located on the bottom rim of the rain gauge.
- ★ Press **RESET** button on base station to erase all testing data.

F INSTALLING THE PC SOFTWARE FOR THE FIRST TIME

Additional Step for Windows Vista users ONLY:

* For Windows XP users, please go straight to **Install Software** section.

IMPORTANT You must follow the below instructions **before** installing software.

Determine status of UAC (User Account Control):

- Click on **Start**.
- In context menu, scroll to **Settings** and select **Control Panel**.
- Double click the **User Account (and Family Safety)**.
- Double click on **Change your Windows password**. (If you chose the **Control Panel classic** link from left hand column in step 2, skip this step).
- In **Turn User Account On or Off** screen, identify if UAC option is enabled / on (ticked) or disabled / off (un-ticked).

IMPORTANT We highly recommend disabling this option for seamless operation of the Weather OS software.

To Turn User Account Off:

- Deselect the UAC option by un-ticking the box (click once).
- Click **OK**.
- In **You must restart your computer** dialogue box, click **Restart now**.

INSTALL SOFTWARE:

- Insert provided CD into disk drive.
- Run CD software.
- Setup Wizard** dialogue box will appear and guide you through the installation process.

If you have Windows Vista and User Account Control is ON (ticked):

- In **Select Installation Folder** dialogue box, next to **Folder** text box (C:\Program Files\Oregon Scientific\Weather OS), click **Browse**.
 - To select a new location to save the program, select **C:\Users\admin**. {Or click **C:** Drive, subfolder **Users**, subfolder **admin**.}
 - Click on **(Create New Folder)** icon.
 - Type **OS Weather** and click **OK**.
 - In **User Account Control** dialogue box, click **Allow**.
 - Continue with installation process.
- During installation, **Microsoft Visual C++ Redistributable Setup** dialogue box may appear. Select **Repair** and click **Next**.
 - Once setup has been successfully completed, click **Finish**, then **Close**.

DISABLE SLEEP MODE

To allow for continuous data updates, ensure Sleep Mode on computer is disabled.

For detailed instructions, please refer to **Installation Guide**.