

TO CALIBRATE AND ADJUST WIND DIRECTION ON YOUR TEXAS WEATHER INSTRUMENTS EQUIPMENT:

- 1.) Deactivate all running programs. You can do this by clicking on the black “x” in the upper right hand corner of the program’s window. Or you can go to “file” and “exit” to close the program. When you’ve completed this step, you should be able to move your cursor to the bottom of the screen and find no programs on the long gray bar that pops up below.
- 2.) Wait about 10 seconds. While you’re waiting, open up an “Internet Explorer” window by double-clicking on the small blue “e” on your desktop. Go to <http://mesonet.agron.iastate.edu/GIS/apps/mesoplot/plot.php> to get an idea of what your wind direction should be. The wind barbs you see point away or from the current wind direction... ie., if it’s pointed down and to the right, you have a northwest wind (NW).
- 3.) Double click on the “TWI Cal” icon on your screen. If you don’t see one, go to the “Start” button and “programs”... you should be able to activate “TWI Cal” from there.
- 4.) Go to “connect” and “connect to weather station”. THE CONNECTION MAY TAKE A FEW SECONDS. If this connection fails, exit “TWI Cal” and restart the program again. Repeat step 4. If the connection STILL fails, restart the computer by going to the “Start” button on the lower left of the screen, selecting “shut down” and “restart”. Then go back to step 1.
- 5.) Once you’re connected, go to “Tools” and “Calibration mode”.
- 6.) Select the “Wind” tab from the gray tabs on top of the window.
- 7.) Click on the gray pointer on the slider bar. Using the arrow keys on the keyboard, adjust the wind direction to the proper setting (we will have sent you instructions regarding how much of an adjustment to make) and hit “make change”. This can be a tedious process and requires patience. Move between the “calibration” and “terminal” mode to make the proper setting. In terminal mode, hit the “r” key repeatedly on your keyboard to see what the computer thinks the wind direction is currently. Then return to “calibration” mode to adjust. Repeat until the wind direction is the one you saw on the website above.
- 8.) When you’re finished, hit “make change” and “close”.
- 9.) Restart the computer.

10) **If you have difficulties, leave us a message at 1-800-774-0530.**