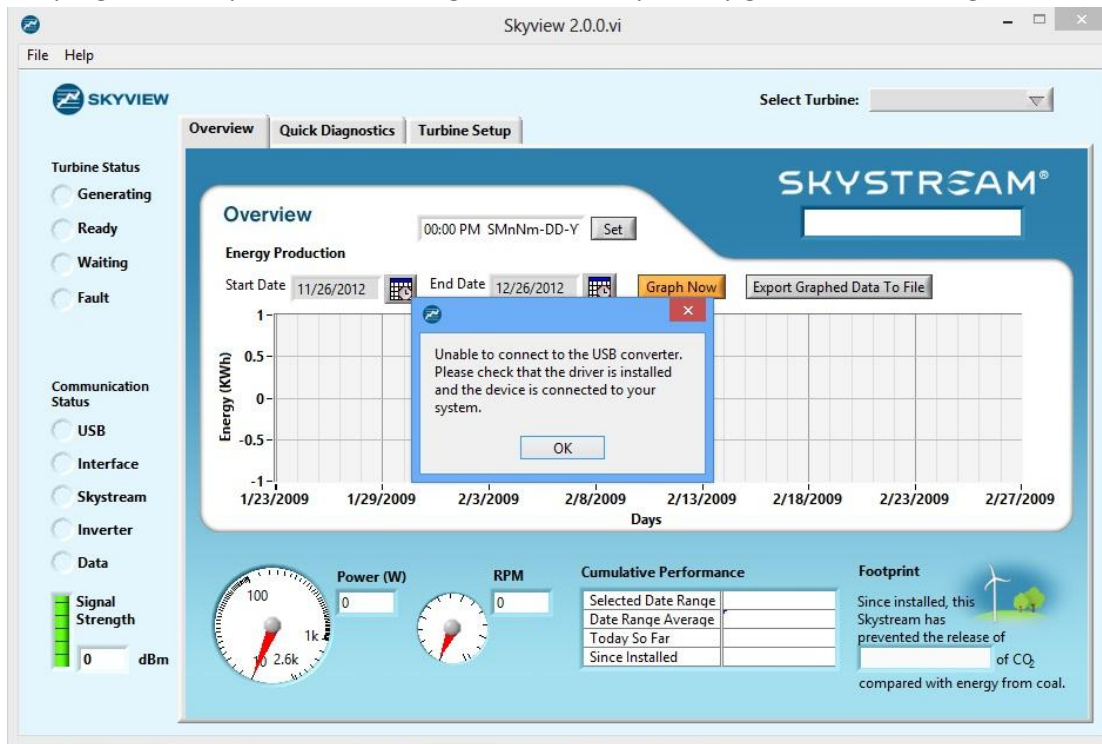
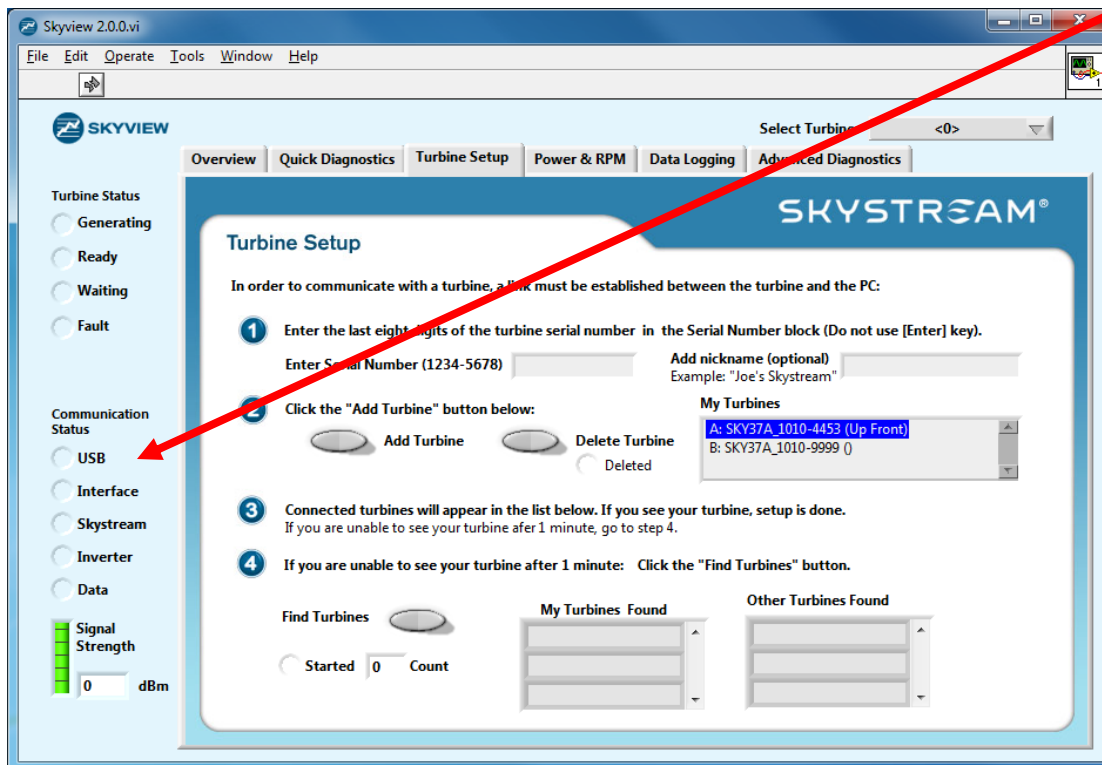


LOADING DRIVERS FOR SKYVIEW 2.0 XBEE INTERFACE USB DEVICE ON WINDOWS 8

After you have loaded the Skyview 2.0 software, with the xBee interface plugged in to your USB drive, you try to start the program from your "Start/All Programs" button, you may get an error message box like the one below:

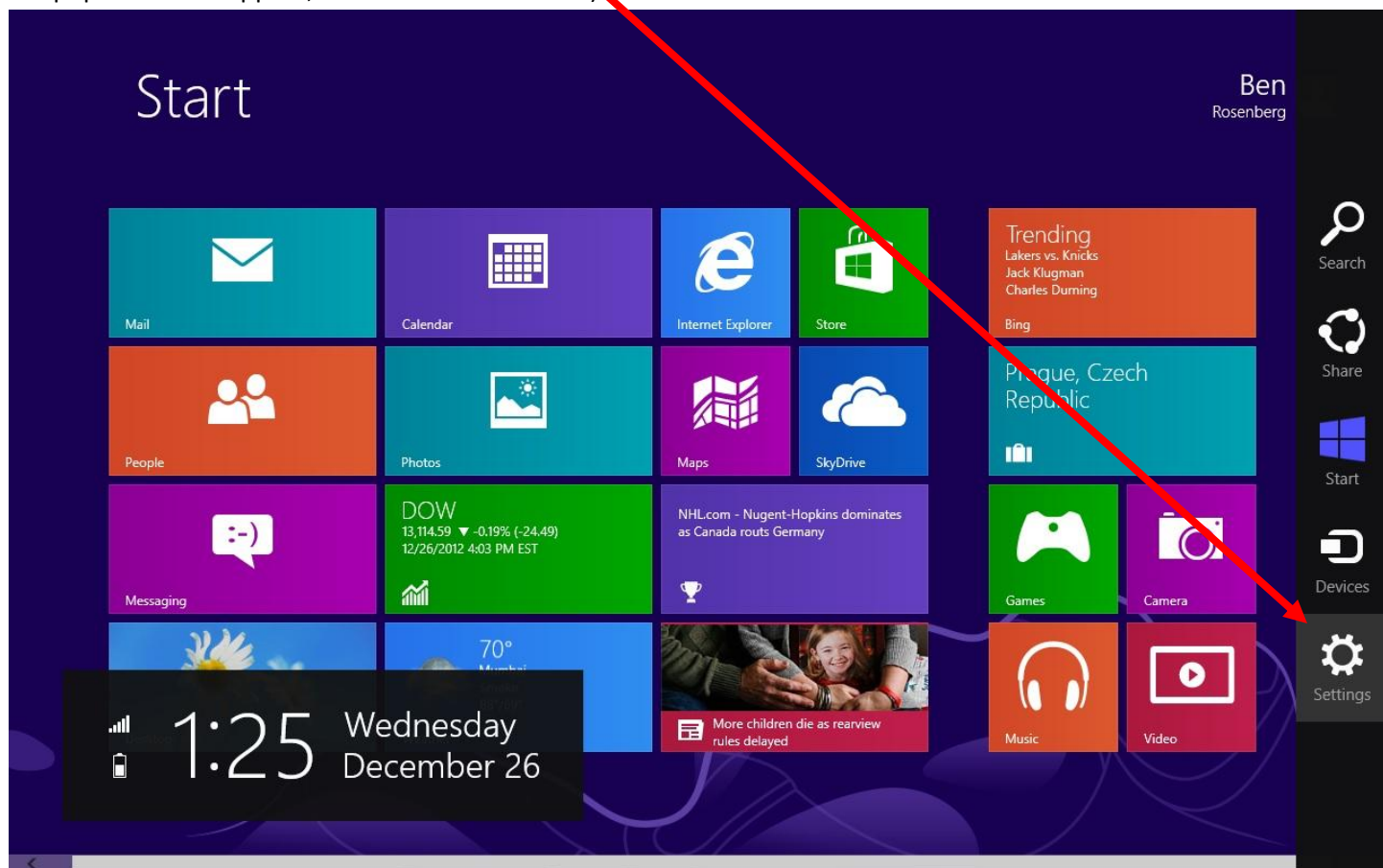


If your Skyview screen looks like this or the image below, with no green lights under "Communication Status" in the far left of the screen, this is another indication that the drivers for the xBee interface have not loaded.

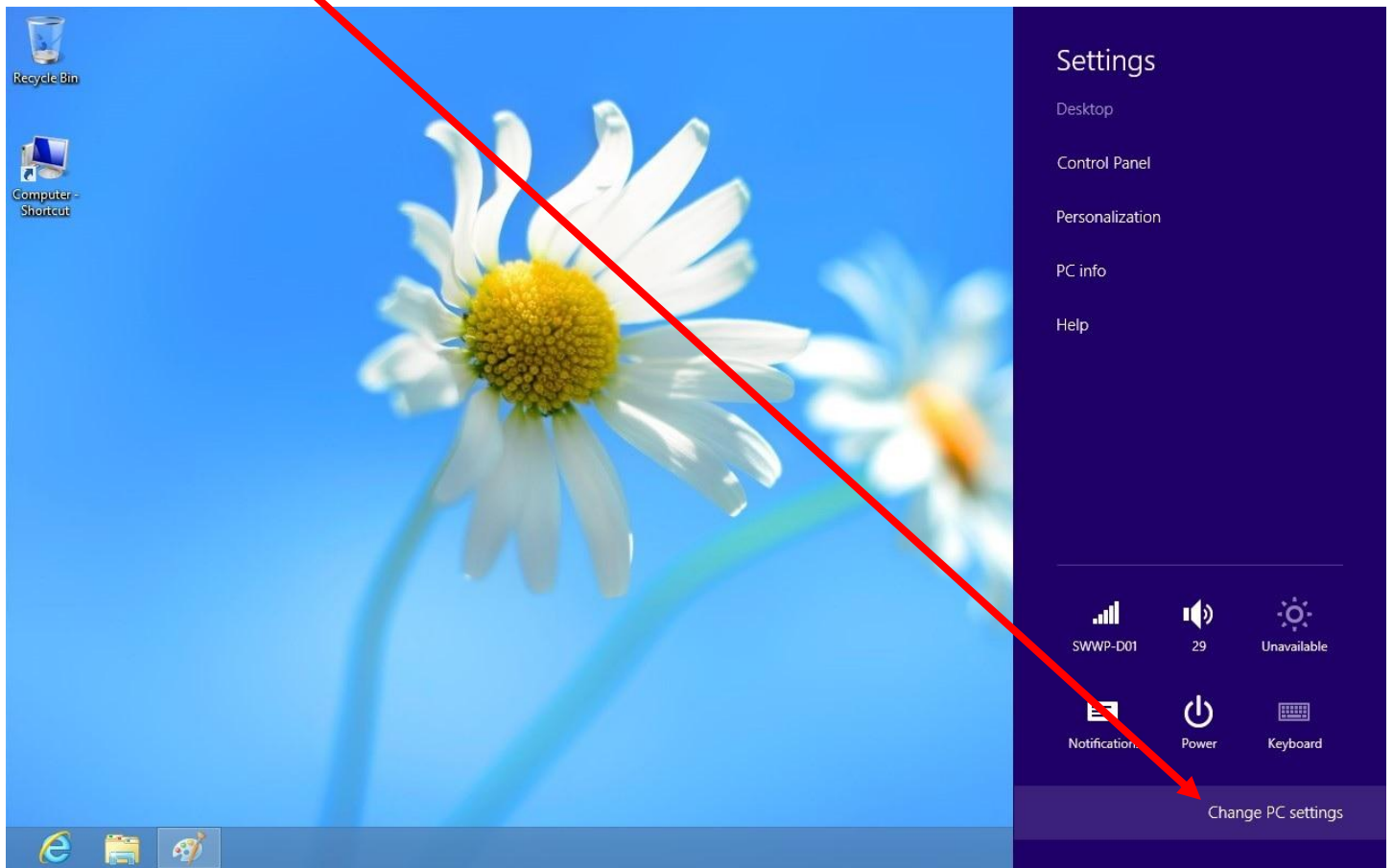


To load the drivers, follow the steps below:

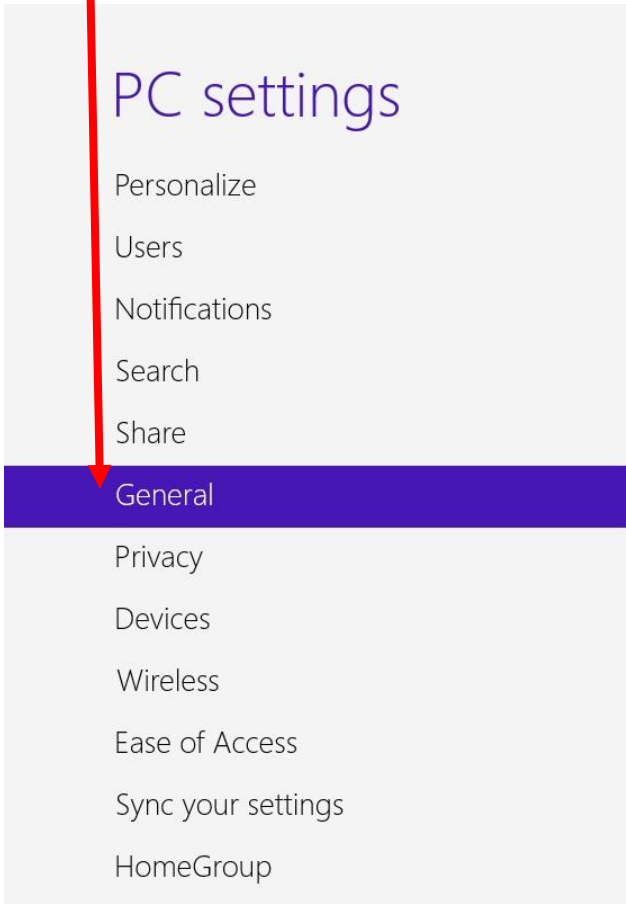
From the Metro Start Screen, open "Settings" (move your mouse to the bottom-right-corner of the screen and wait for the pop-out bar to appear, then click the Gear icon)



Click "Change PC Settings"



Click 'General'



Add or change input methods, keyboard layouts, and languages.
[Language preferences](#)

Available storage

You have 16.1 GB available. See how much space your apps are using.

[View app sizes](#)

Refresh your PC without affecting your files

If your PC isn't running well, you can refresh it without losing your photos, music, videos, and other personal files.

[Get started](#)

Remove everything and reinstall Windows

If you want to recycle your PC or start over completely, you can reset it to its factory settings.

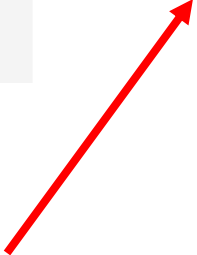
[Get started](#)

Advanced startup

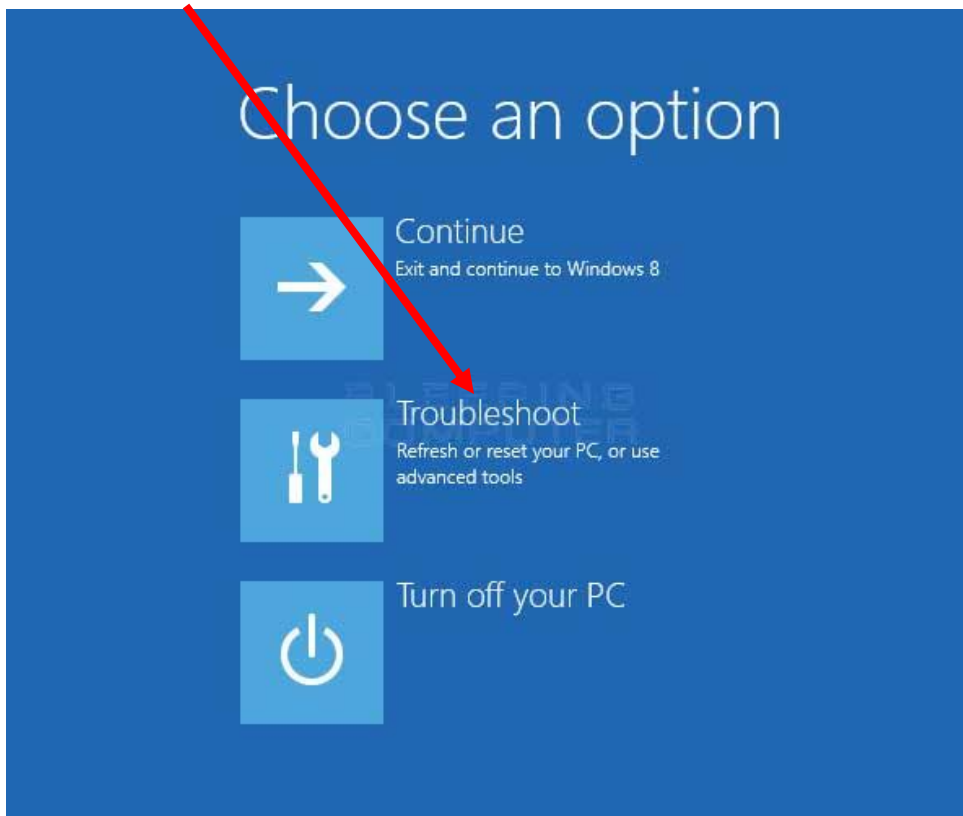
Start up from a device or disc (such as a USB drive or DVD), change Windows startup settings, or restore Windows from a system image. This will restart your PC.

[Restart now](#)

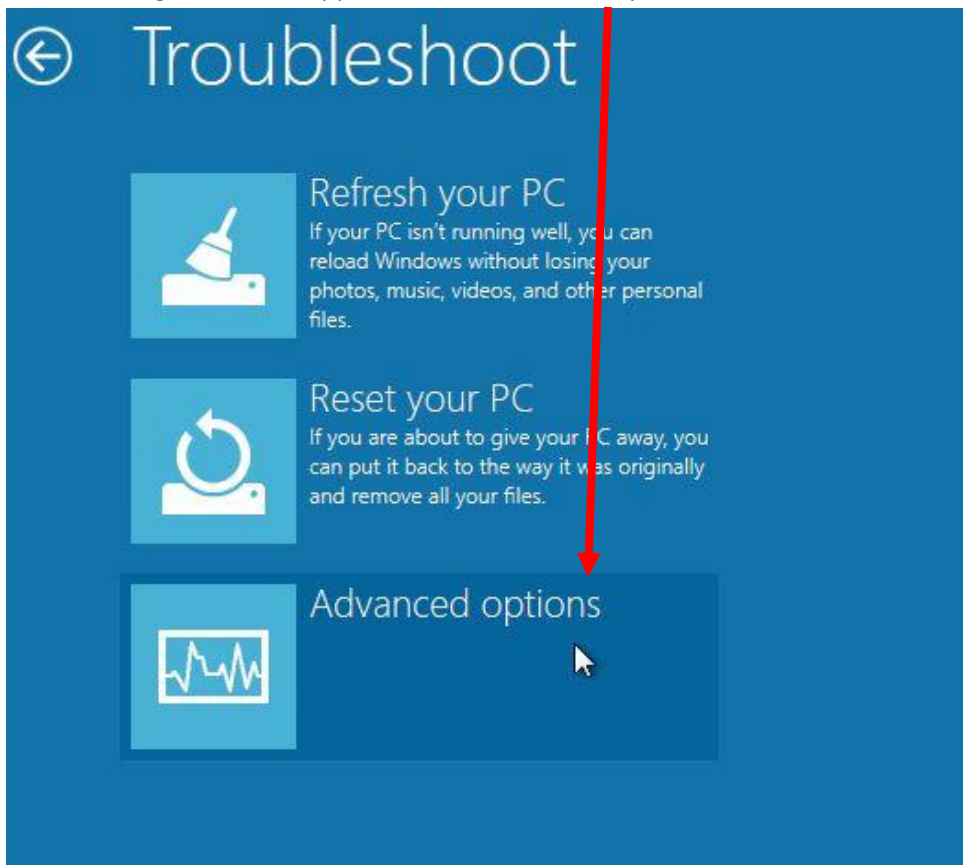
Scroll down in the panel on the right, and click 'Restart Now' under 'Advanced Startup'



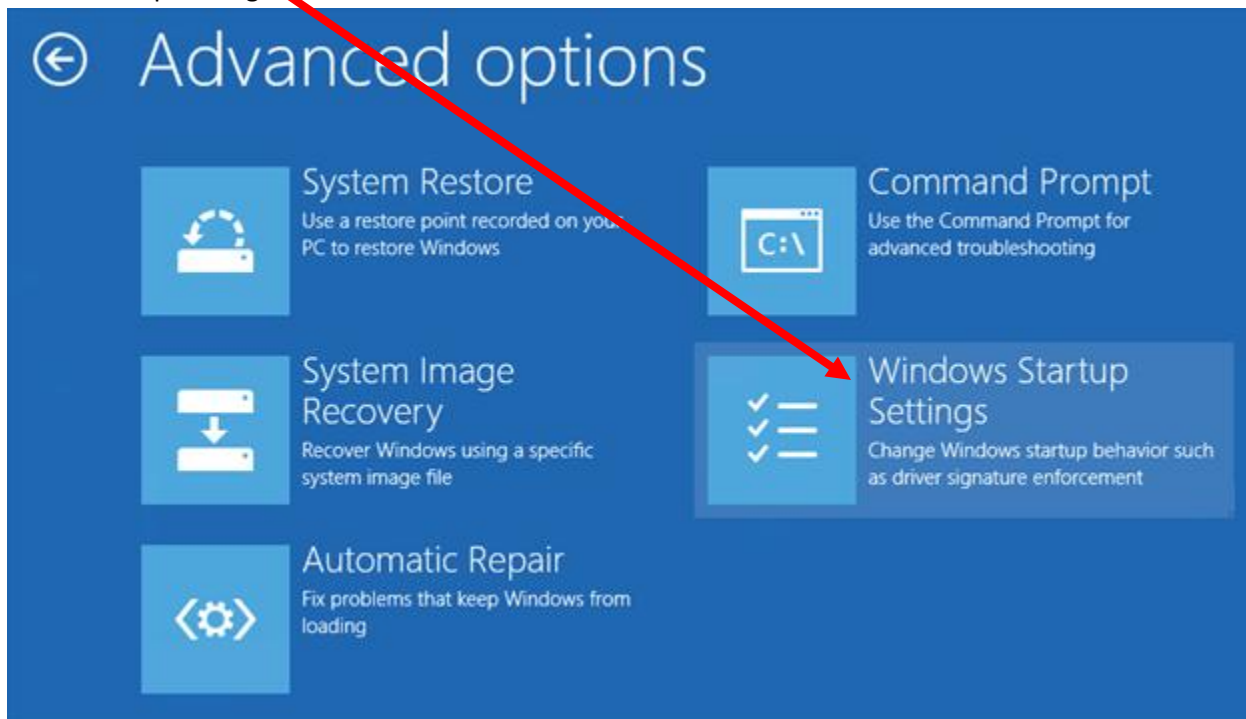
Click "Troubleshoot"



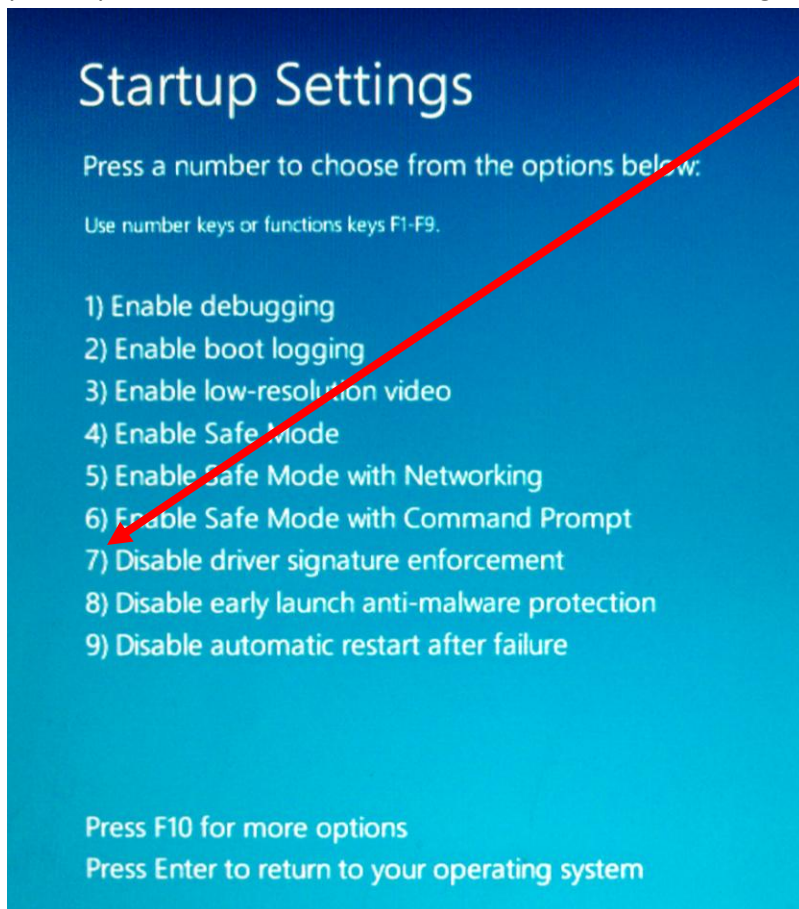
The following screen will appear. Click "Advanced Options"



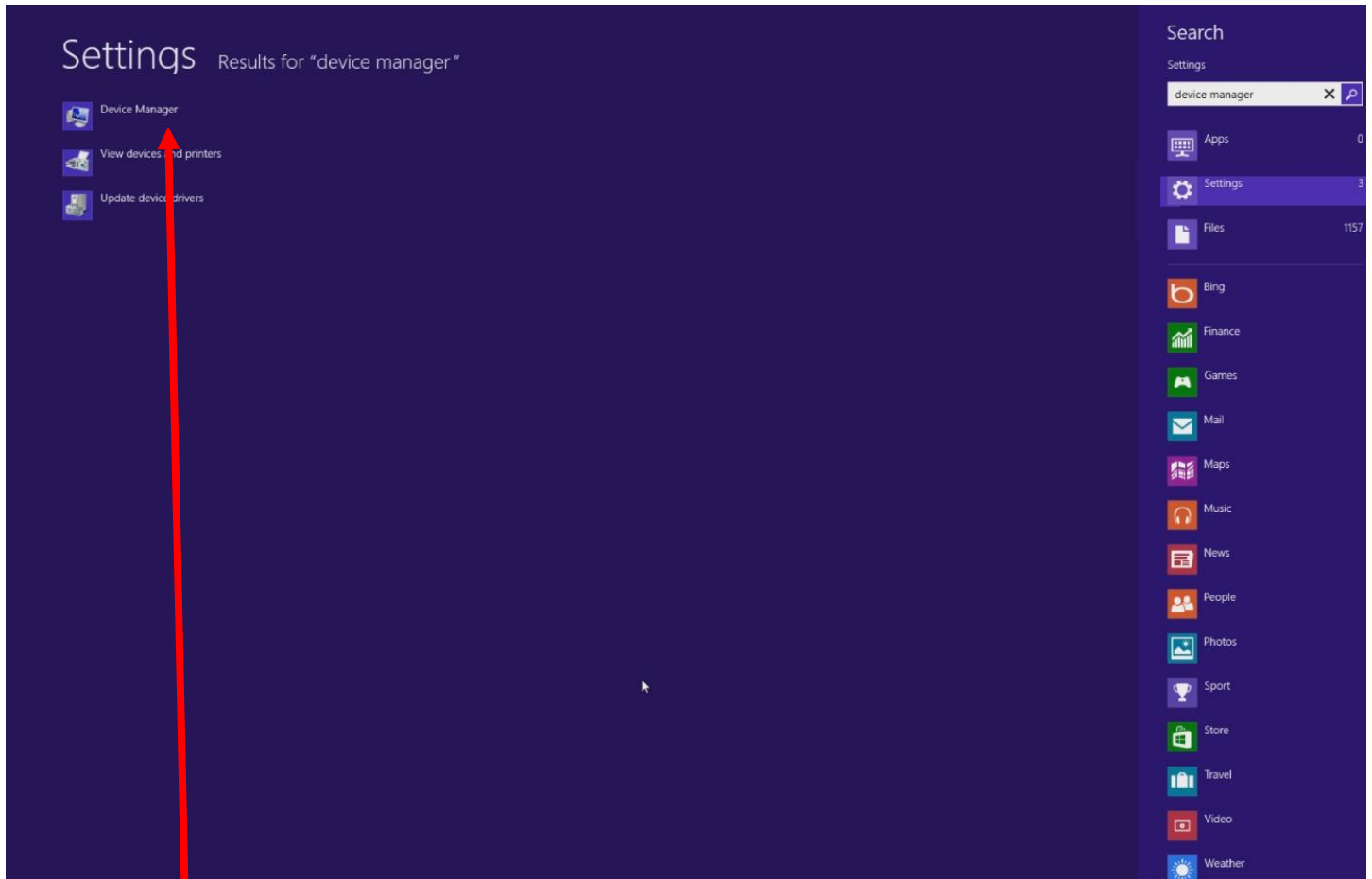
Click "Startup Settings"



Click "Restart," and when the computer restarts, select "Disable Driver Signature Enforcement" (you will need to use your keyboard to select the number on the list rather than using the mouse):

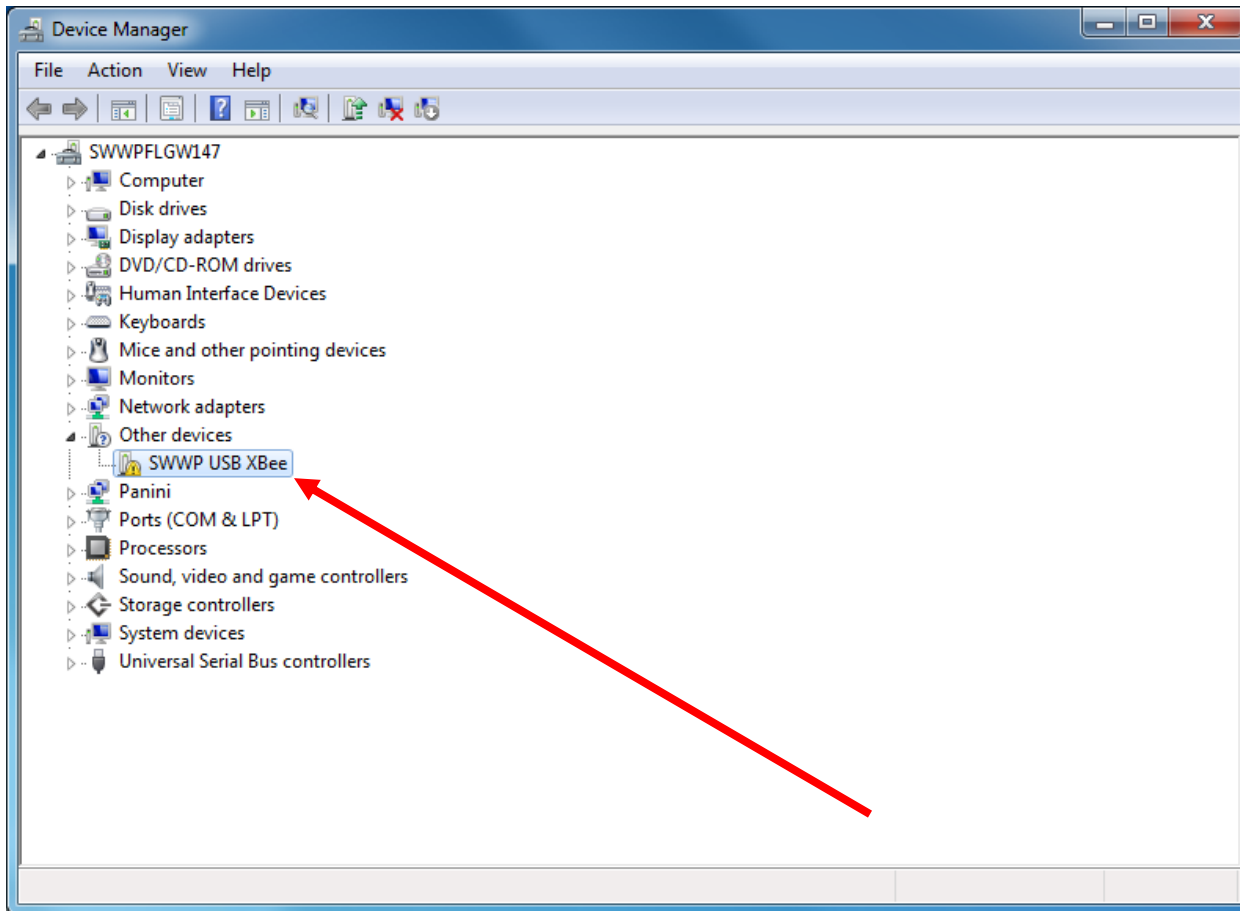


Once the computer has restarted, again go to the Metro Start Menu, and then select “Search” (magnifying glass icon), and click “Settings.” Type “Device Manager” into the search box:



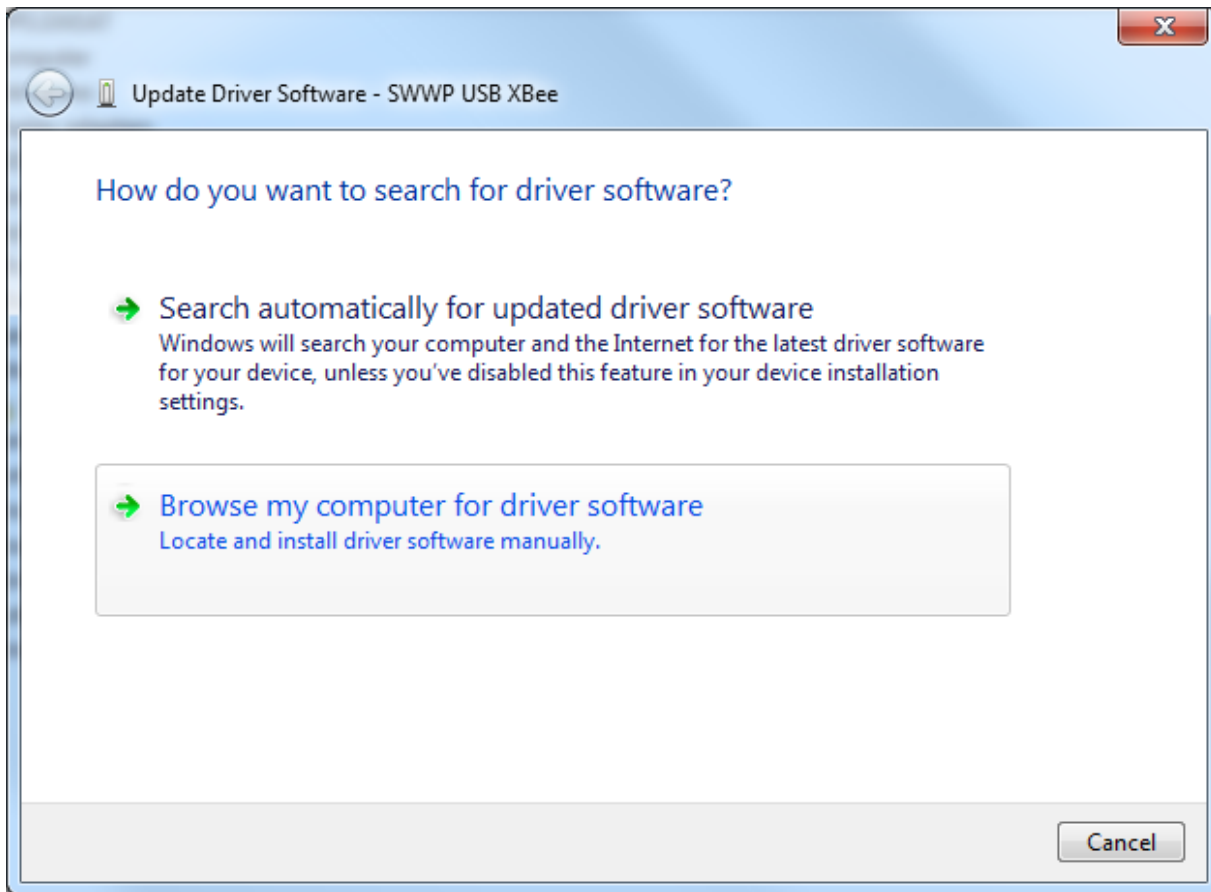
Click “Device Manager” on the left side of the screen.

In the Device Manager screen, locate the SWWP USB Xbee device. It will be listed under “other devices” as below, or Universal Serial Bus controllers (you may have to “expand” that menu item to see the list):

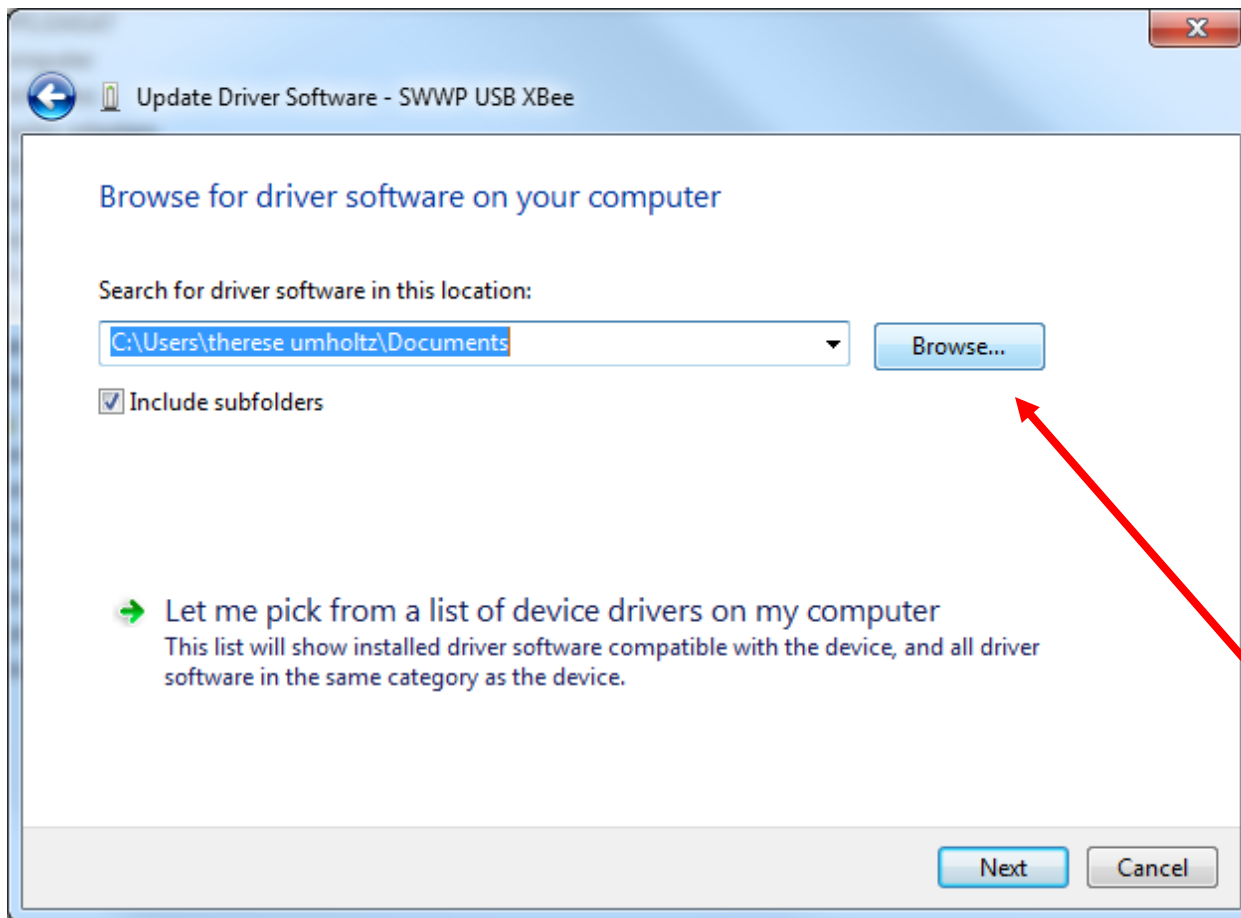


Right click on the name of the device, and select “update driver” from the menu that will appear (no screen shot available)

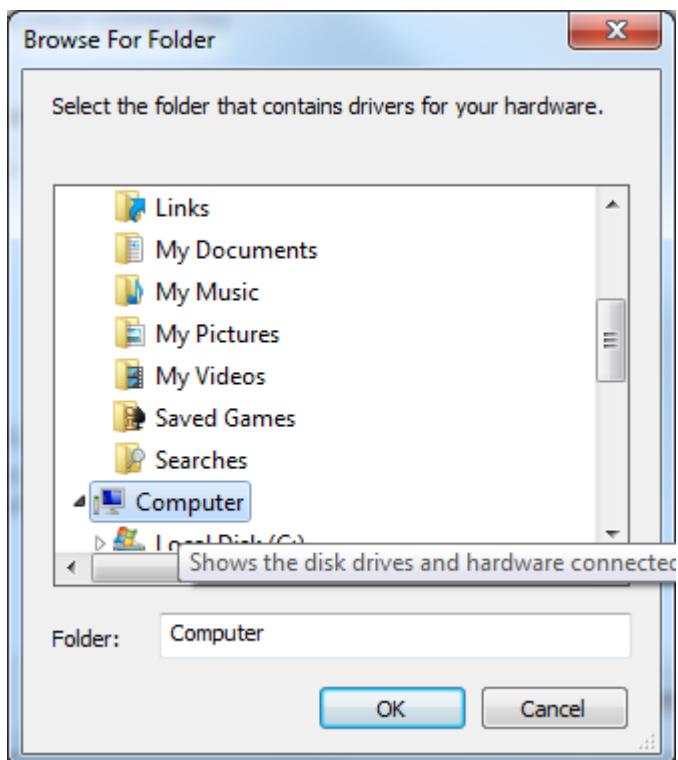
The following screen will appear. Select “Browse my computer for driver software”

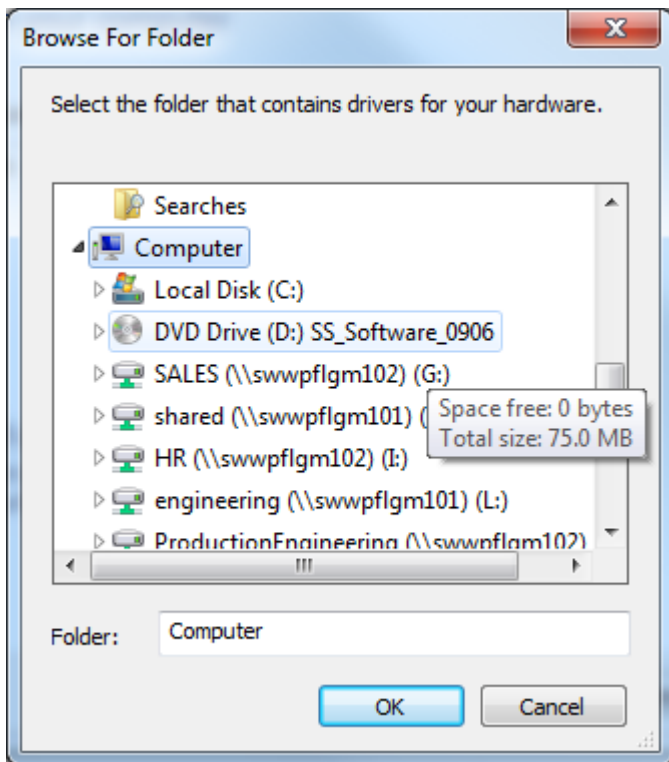


In the next screen, click the “browse” button.

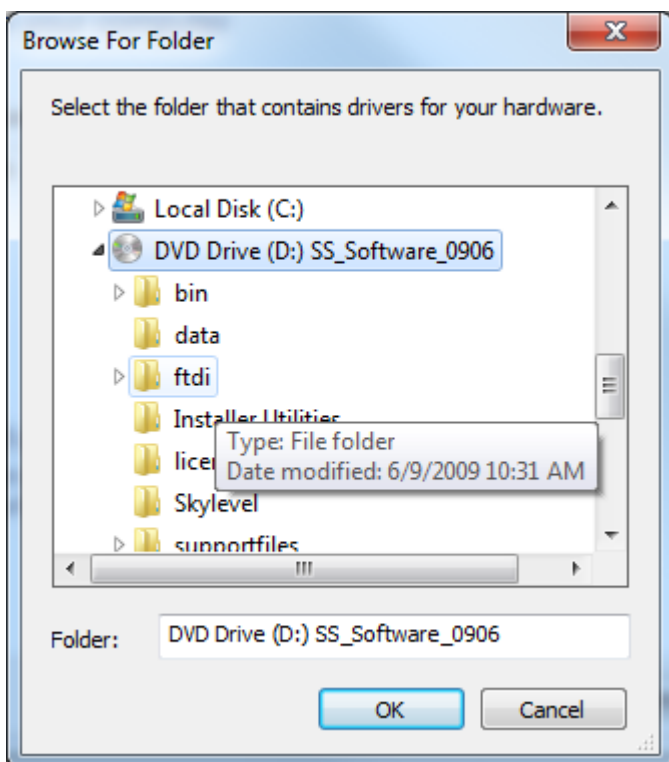


In the Browse For Folder, find the CD Rom drive containing the Skyview 2.0 software, or the location of your downloaded Skyview 2.0 file.

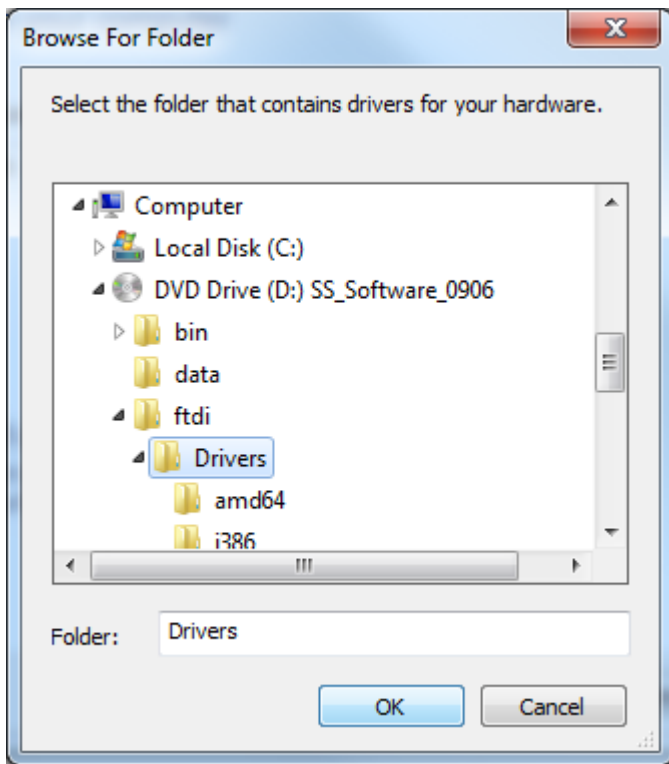
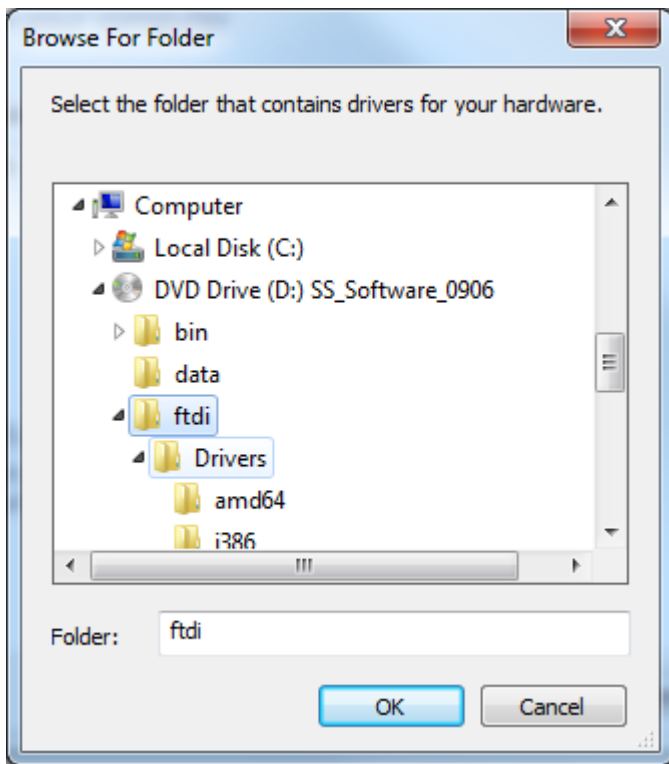




Double click on the "ftdi" folder.

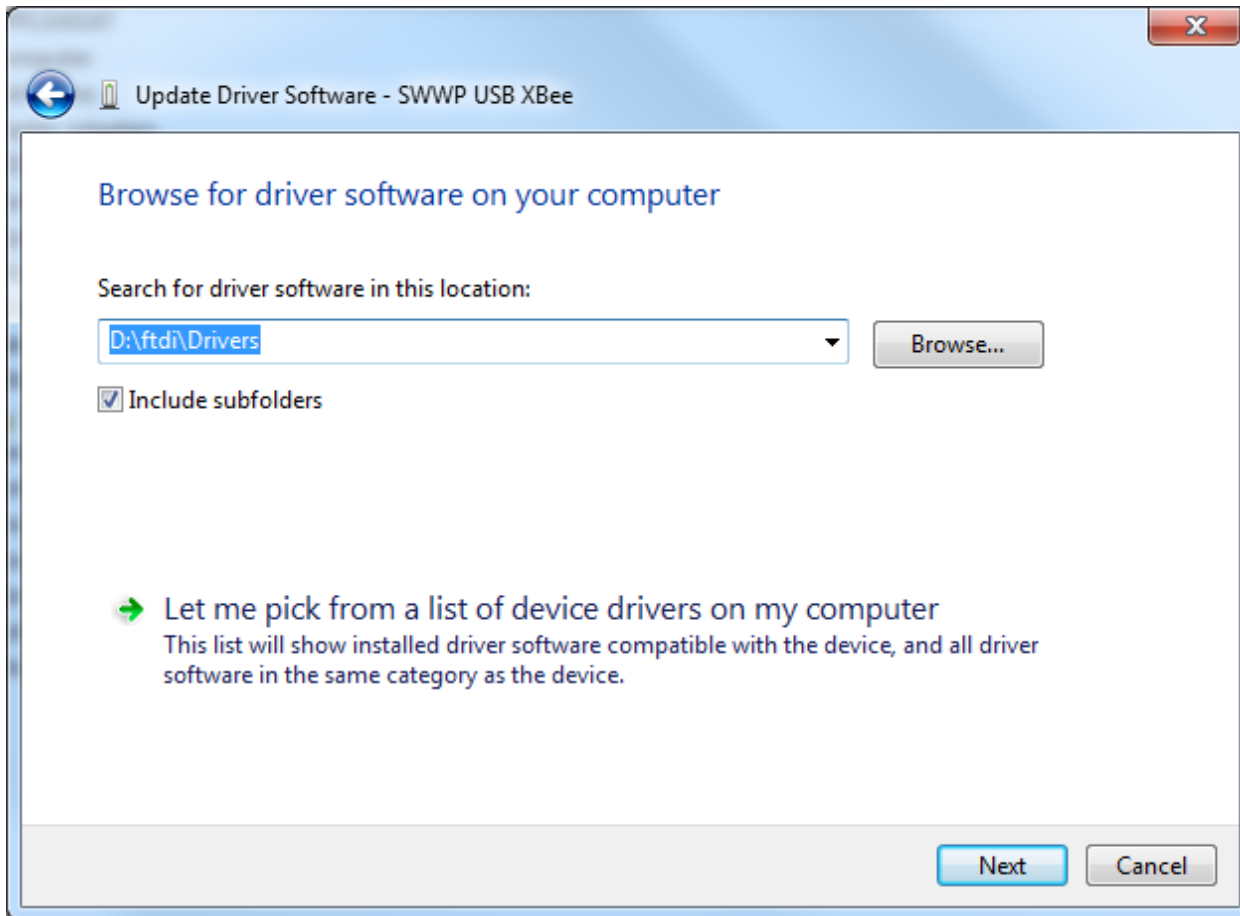


Single click (or “select”) only, on the “Drivers” folder within the ftdi folder.



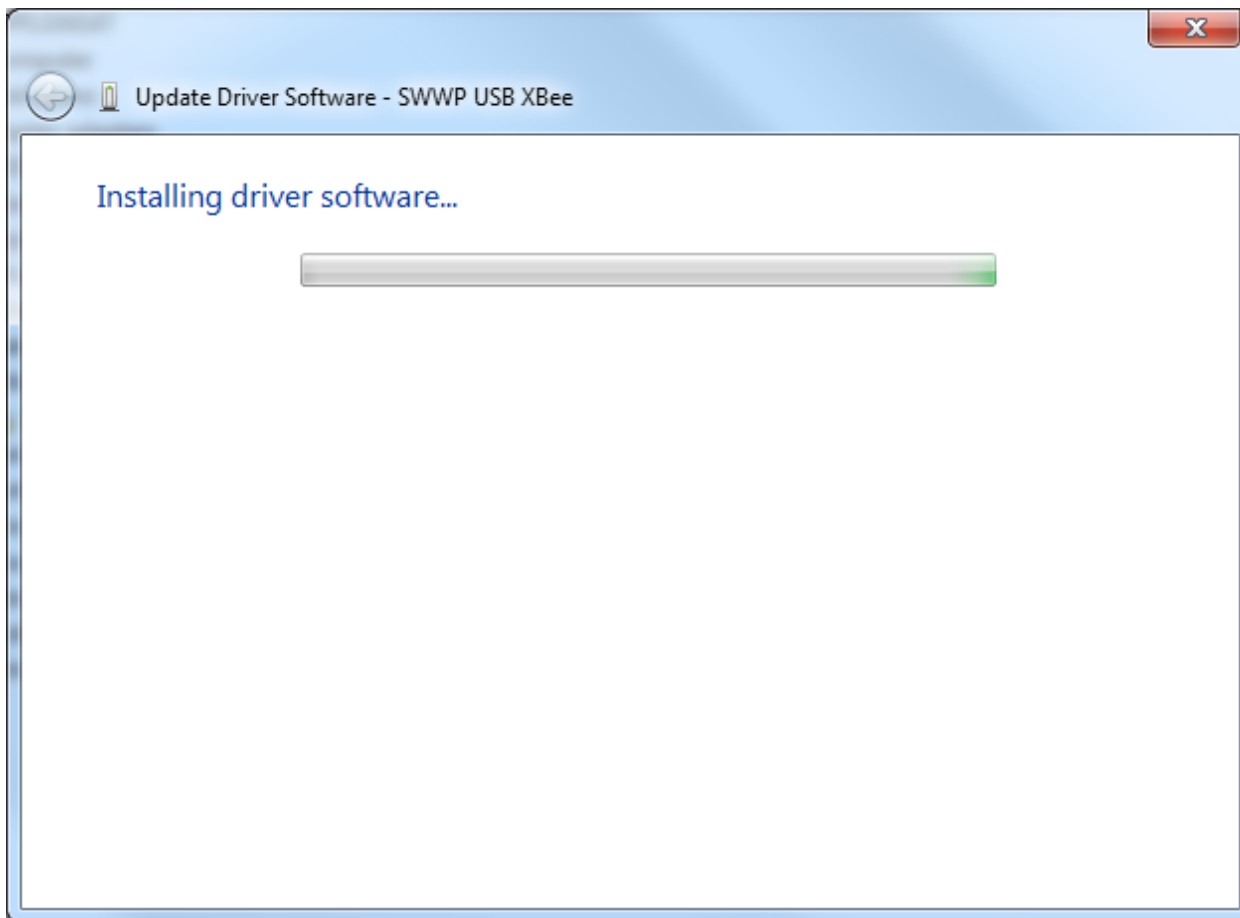
Click “OK”

The next screen that comes up should look like the one below:

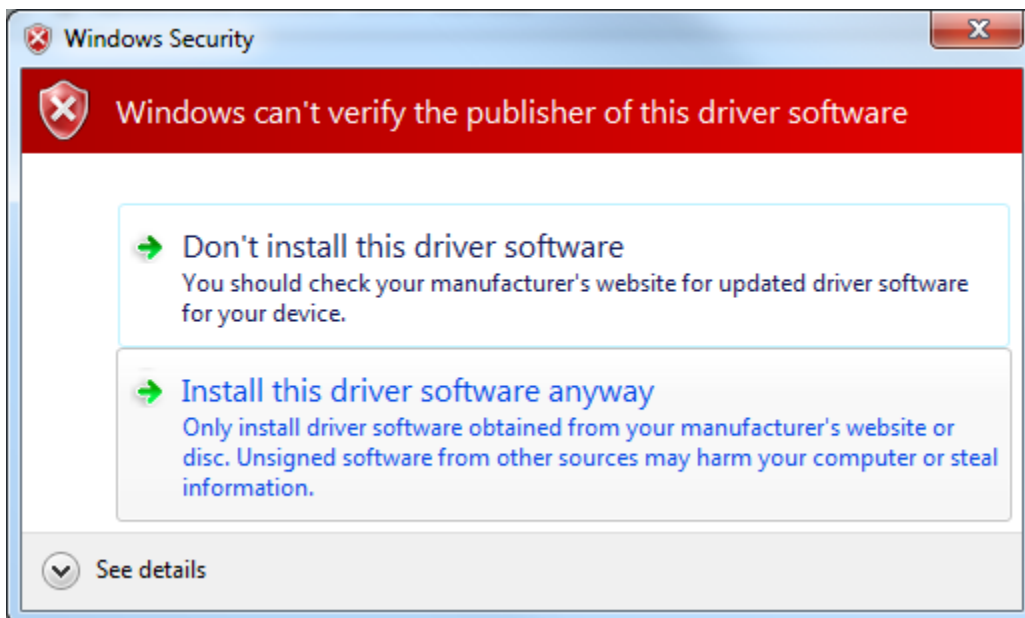


Click "Next"

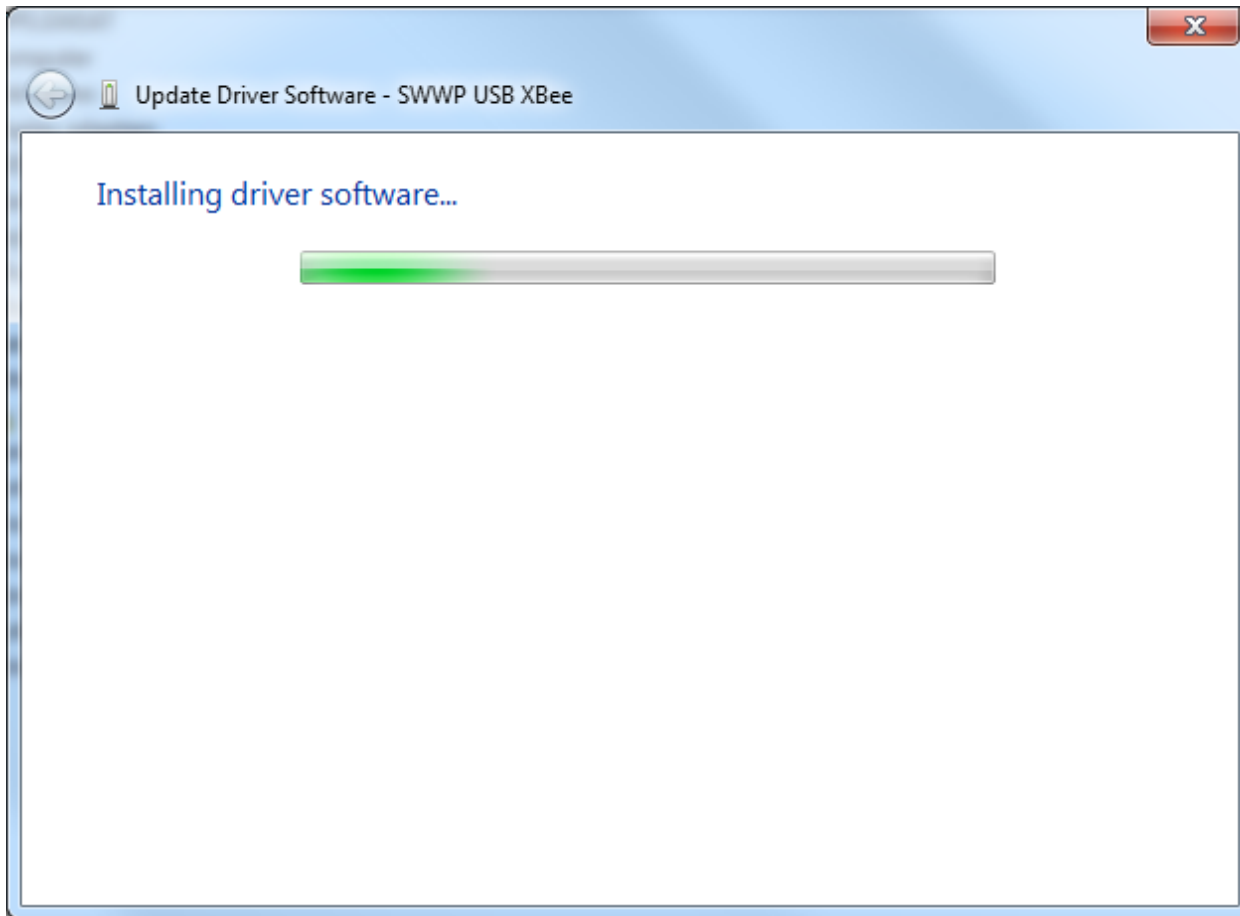
Your computer should bring up the screen below as an indication it is installing the driver.



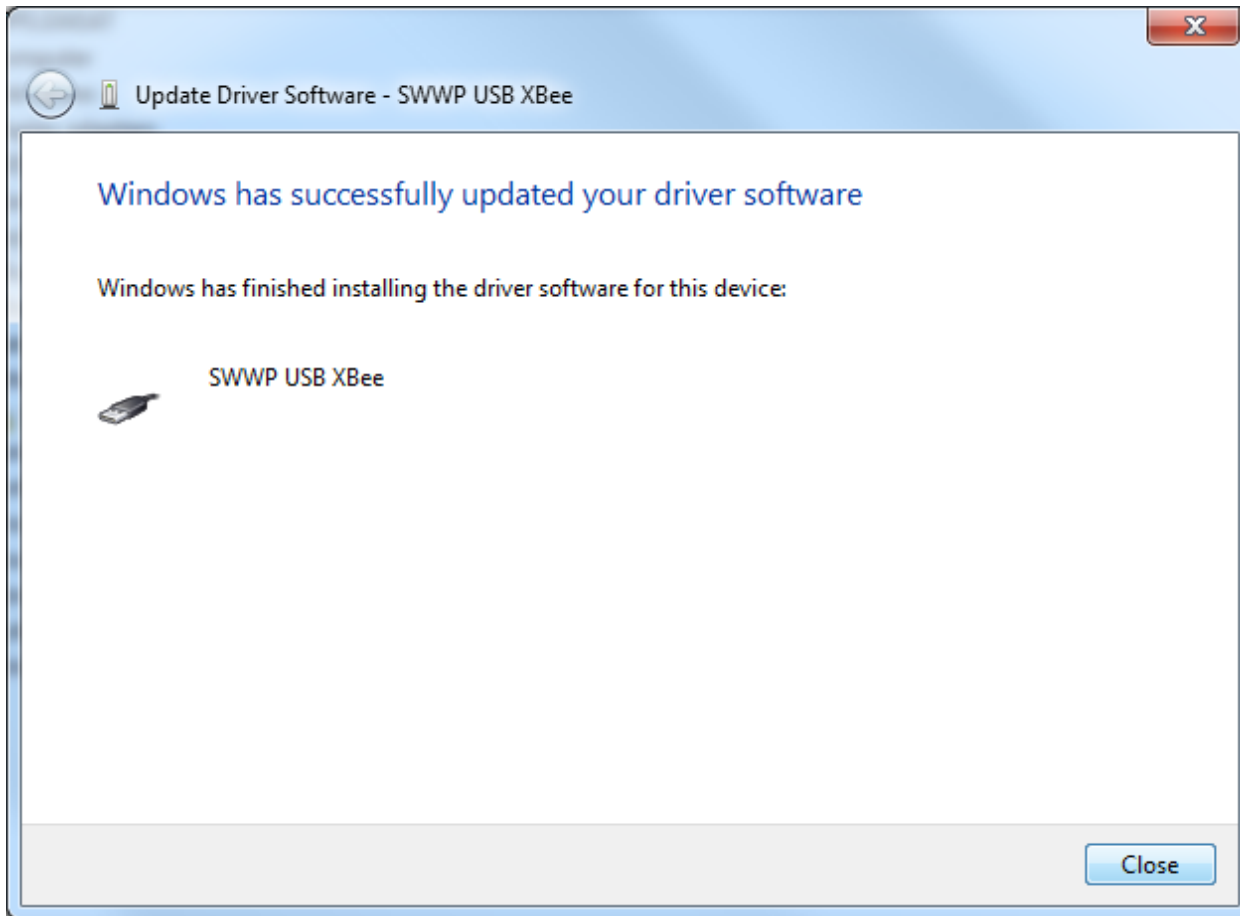
You will most likely get the following warning. Select "Install this driver software anyway."



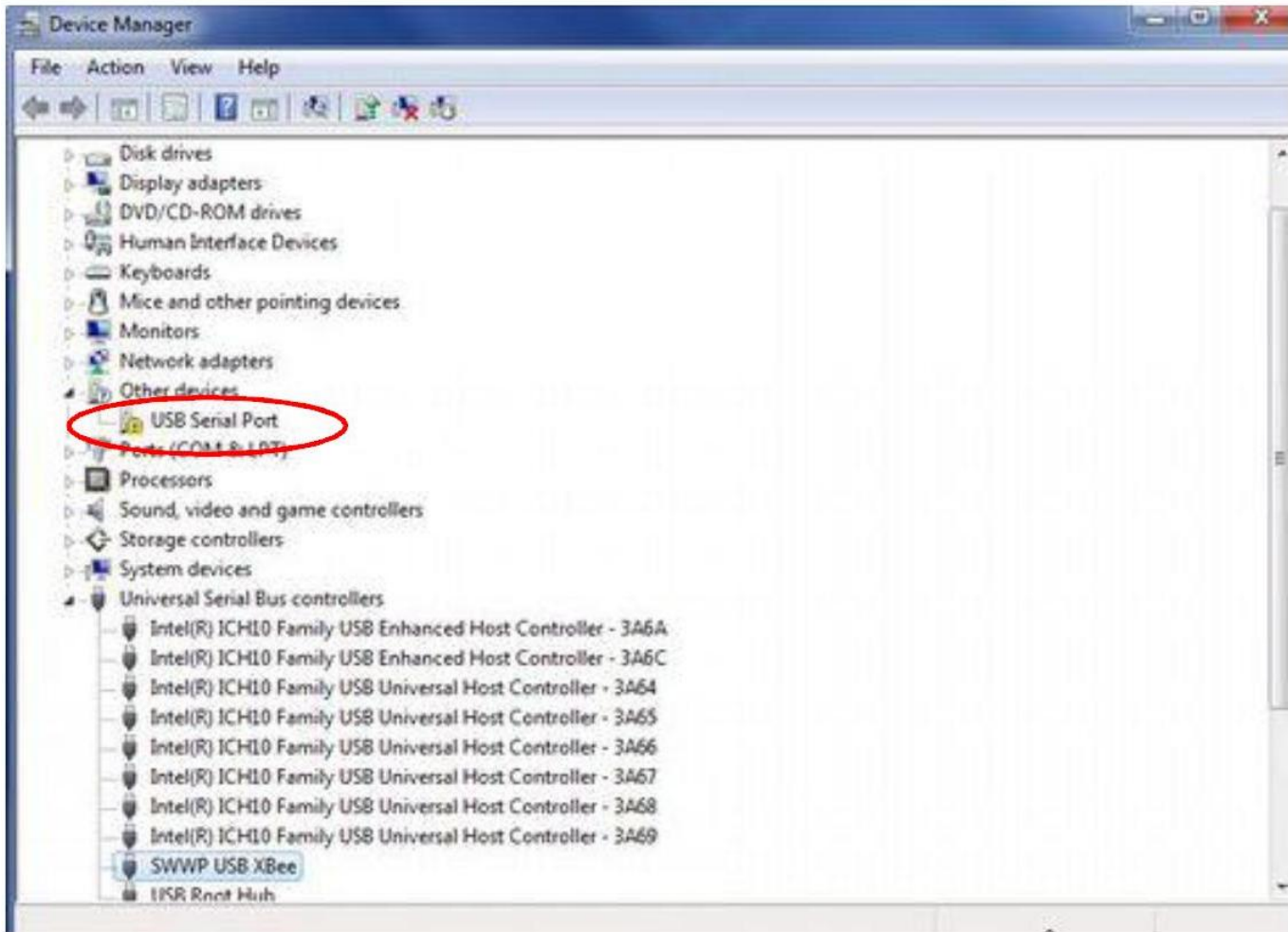
The computer will continue installing the driver software.



It should only take 30 – 60 seconds or so, and you should get the confirmation screen below:



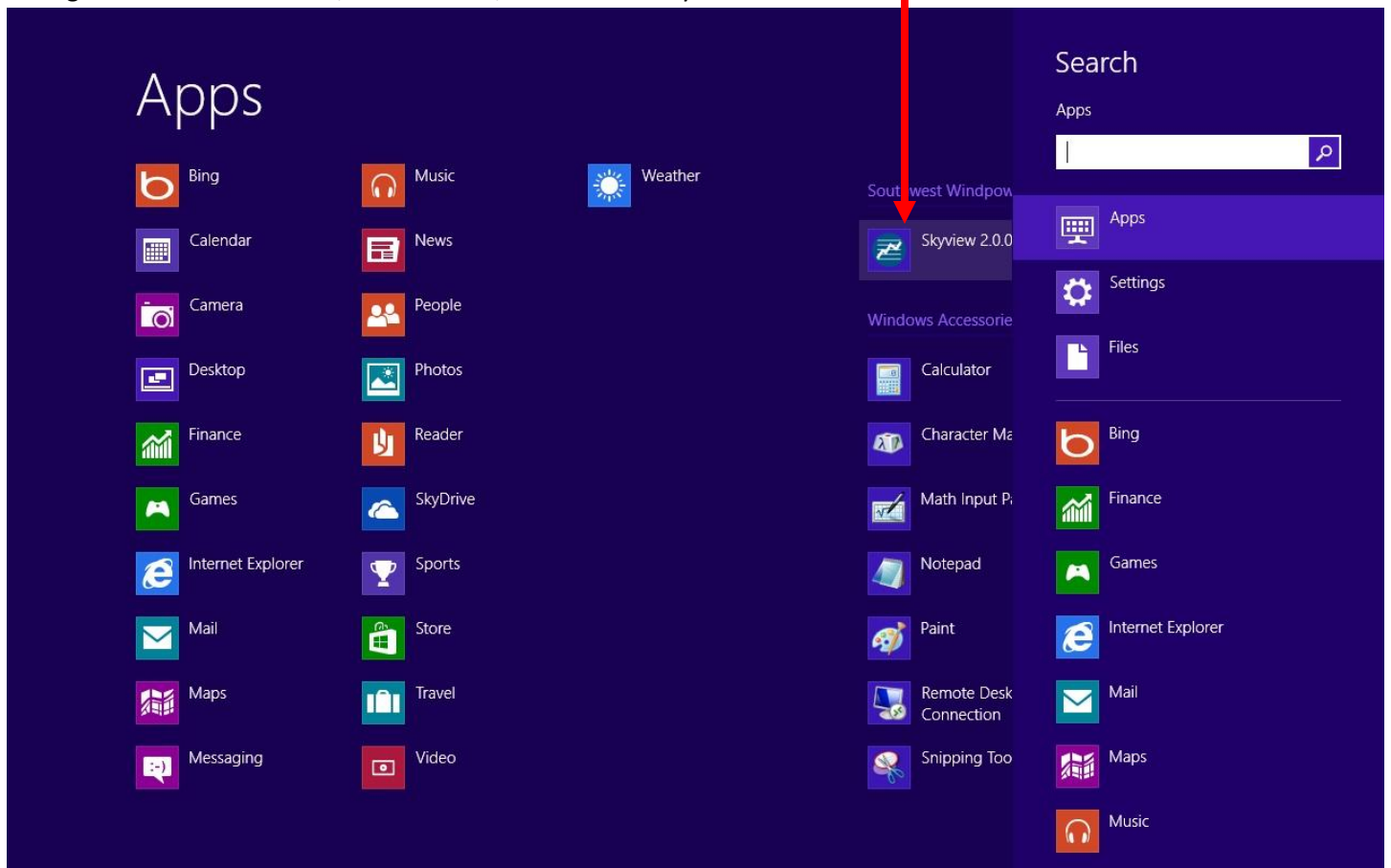
You may find another item listed under “other devices” as below, or Universal Serial Bus controllers (you may have to “expand” that menu item to see the list):



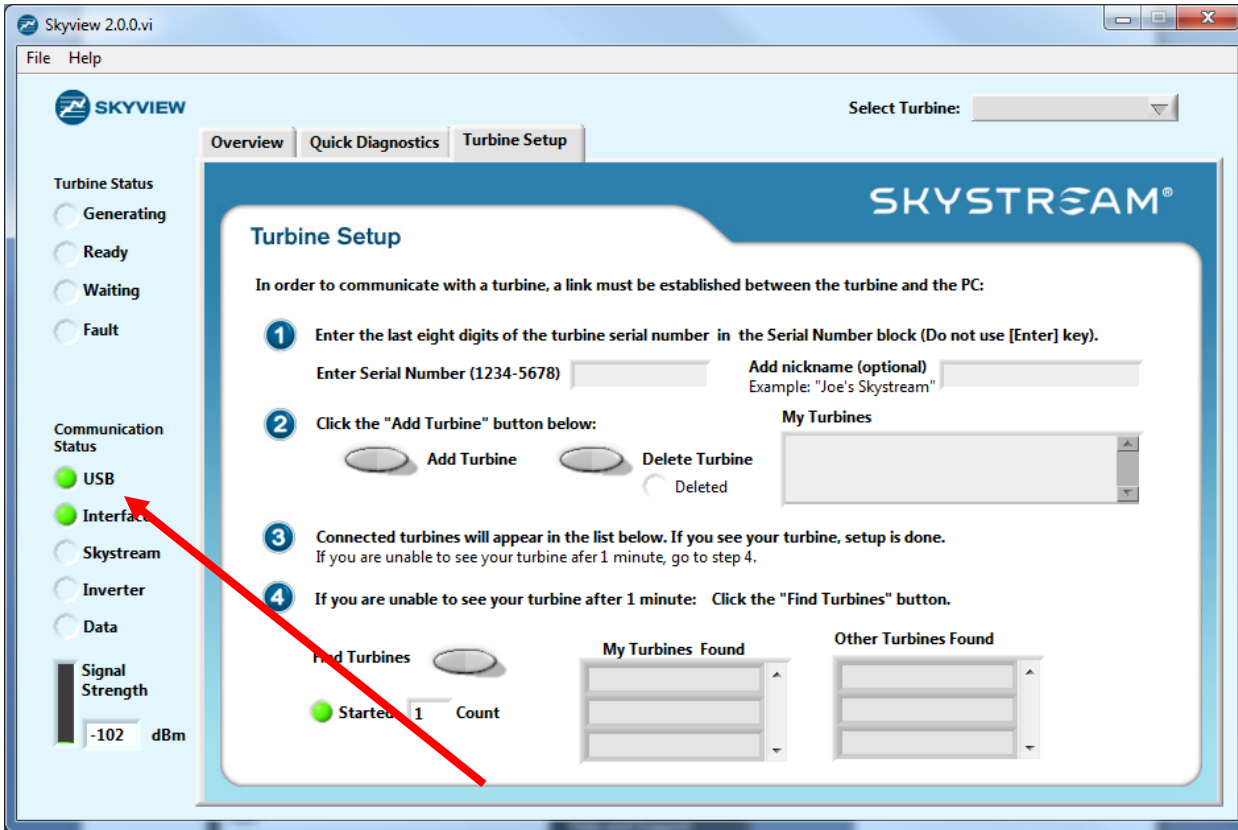
If you see another item like the one shown above in the Device Manager, then repeat the same process to install the drivers from the “FTDI” folder.

Once you no longer see an item in Device Manager with a yellow exclamation point, close out of the Device Manager. The drivers are now installed!

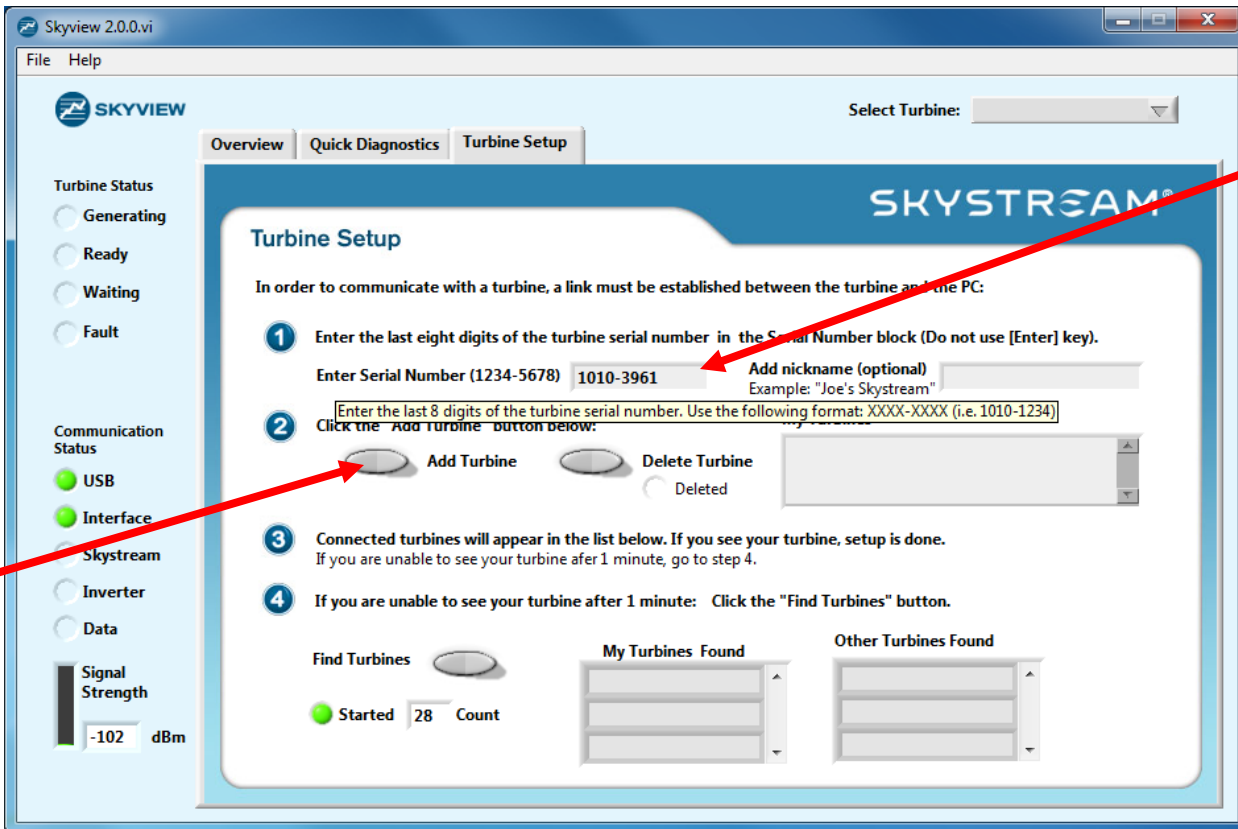
Now go to Metro Start Menu, click "Search," and select "Skyview 2.0"



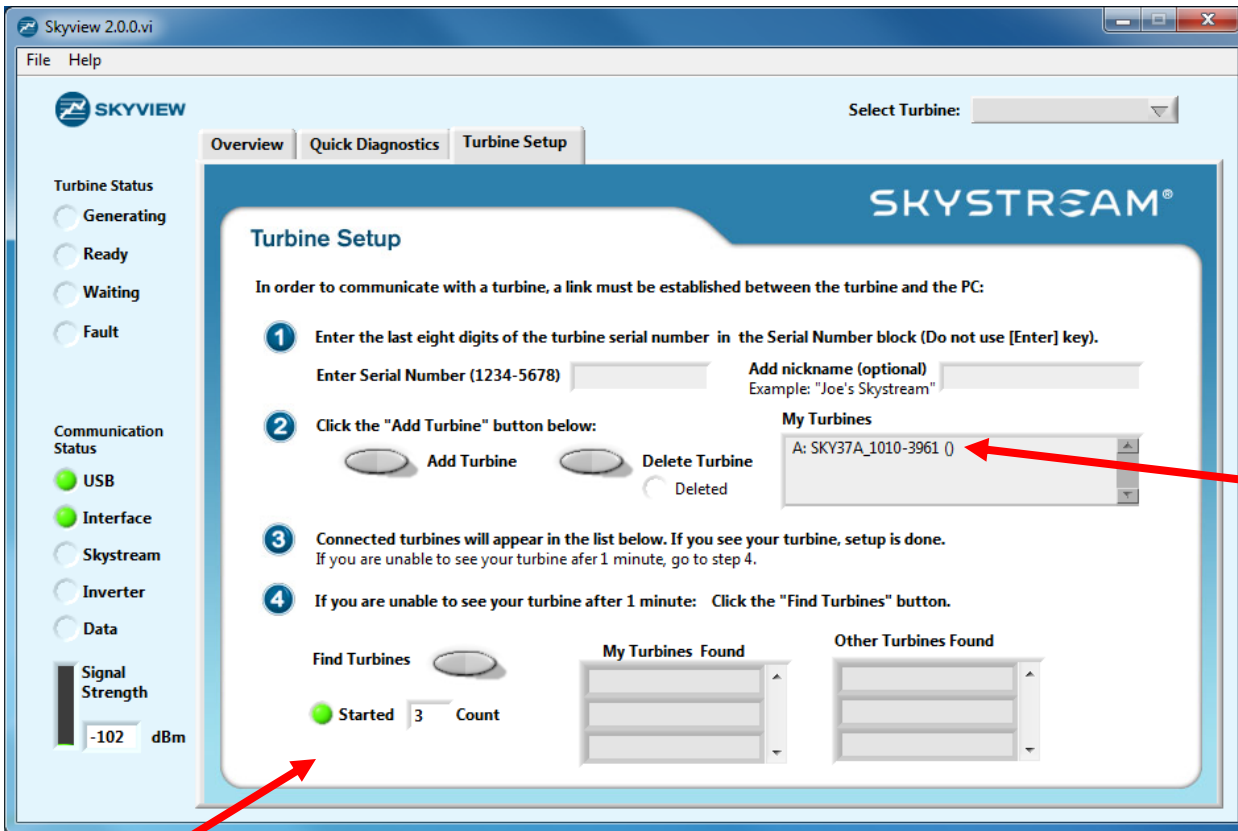
The Skyview 2.0.0.vi software should now come up on your screen with the USB and Interface lights showing GREEN under “Communication Status” on the far left:



Now you can proceed with entering your serial number in the Turbine Setup screen under step 1. Once the 8 digit number is entered there, click “add turbine” under step 2



The serial number will show up in the "My Turbines" screen, and the count will initiate under step 4 (60 second count).



Within the 60 seconds, the turbine serial number should show up in the "My Turbines Found" field

The screenshot shows the Skyview 2.0.0.vi software interface. The window title is "Skyview 2.0.0.vi" and the menu bar includes "File" and "Help". The main interface has a "SKYVIEW" logo and a "Select Turbine:" dropdown menu set to "SKY37A_1010-3196".

On the left side, there are two sections:

- Turbine Status:** Radio buttons for "Generating", "Ready", "Waiting", and "Fault".
- Communication Status:** Green circles indicating "USB", "Interface", "Skystream", "Inverter", and "Data" are active.
- Signal Strength:** A vertical bar and a display showing "-47 dBm".

The main content area is titled "Turbine Setup" and contains the following instructions:

- Enter the last eight digits of the turbine serial number in the Serial Number block (Do not use [Enter] key).
Enter Serial Number (1234-5678) Add nickname (optional)
Example: "Joe's Skystream"
- Click the "Add Turbine" button below:
 Deleted
My Turbines
A: SKY37A_1010-3196 ()
- Connected turbines will appear in the list below. If you see your turbine, setup is done. If you are unable to see your turbine after 1 minute, go to step 4.
- If you are unable to see your turbine after 1 minute: Click the "Find Turbines" button.

At the bottom, there are two lists:

- My Turbines Found:** A list containing the entry "SKY37A_1010-3196". A red arrow points to this entry.
- Other Turbines Found:** An empty list.

Below the lists, there is a "Find Turbines" button and a "Started" indicator showing "0" and a "Count" label.

Occasionally the interface will “find” the turbine before you have a chance to enter the serial number, in which case the serial number will show up in an encoded format under “Other Turbines Found”

The screenshot shows the Skyview 2.0.0.vi application window. The title bar reads "Skyview 2.0.0.vi" and the menu bar has "File" and "Help". The main interface has a sidebar on the left and a main content area on the right.

Sidebar:

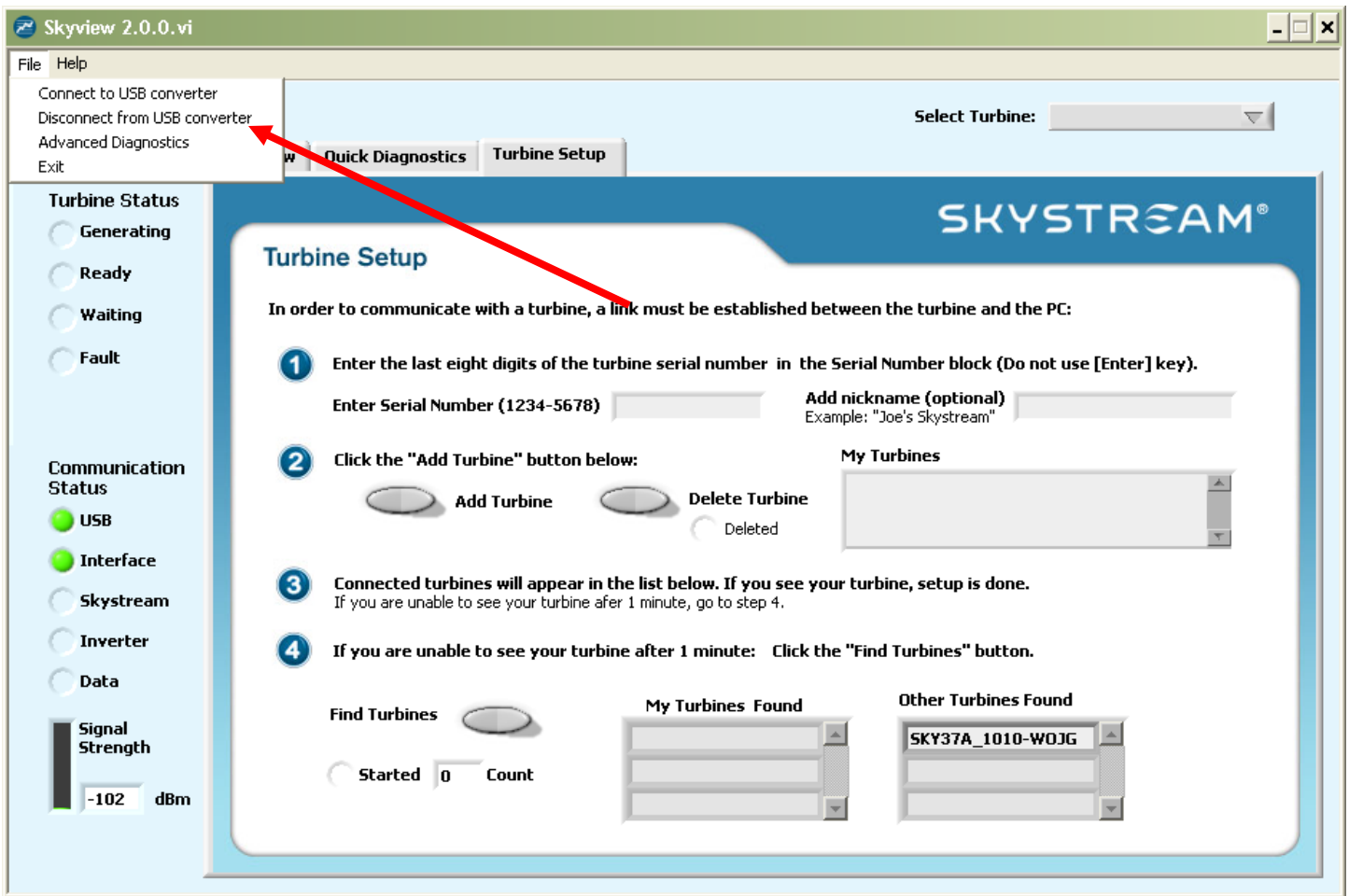
- Turbine Status:** Generating, Ready, Waiting, Fault (all radio buttons are unselected).
- Communication Status:** USB, Interface, Skystream, Inverter, Data (all radio buttons are unselected).
- Signal Strength:** A vertical bar indicator showing a level of -102 dBm.

Main Content Area:

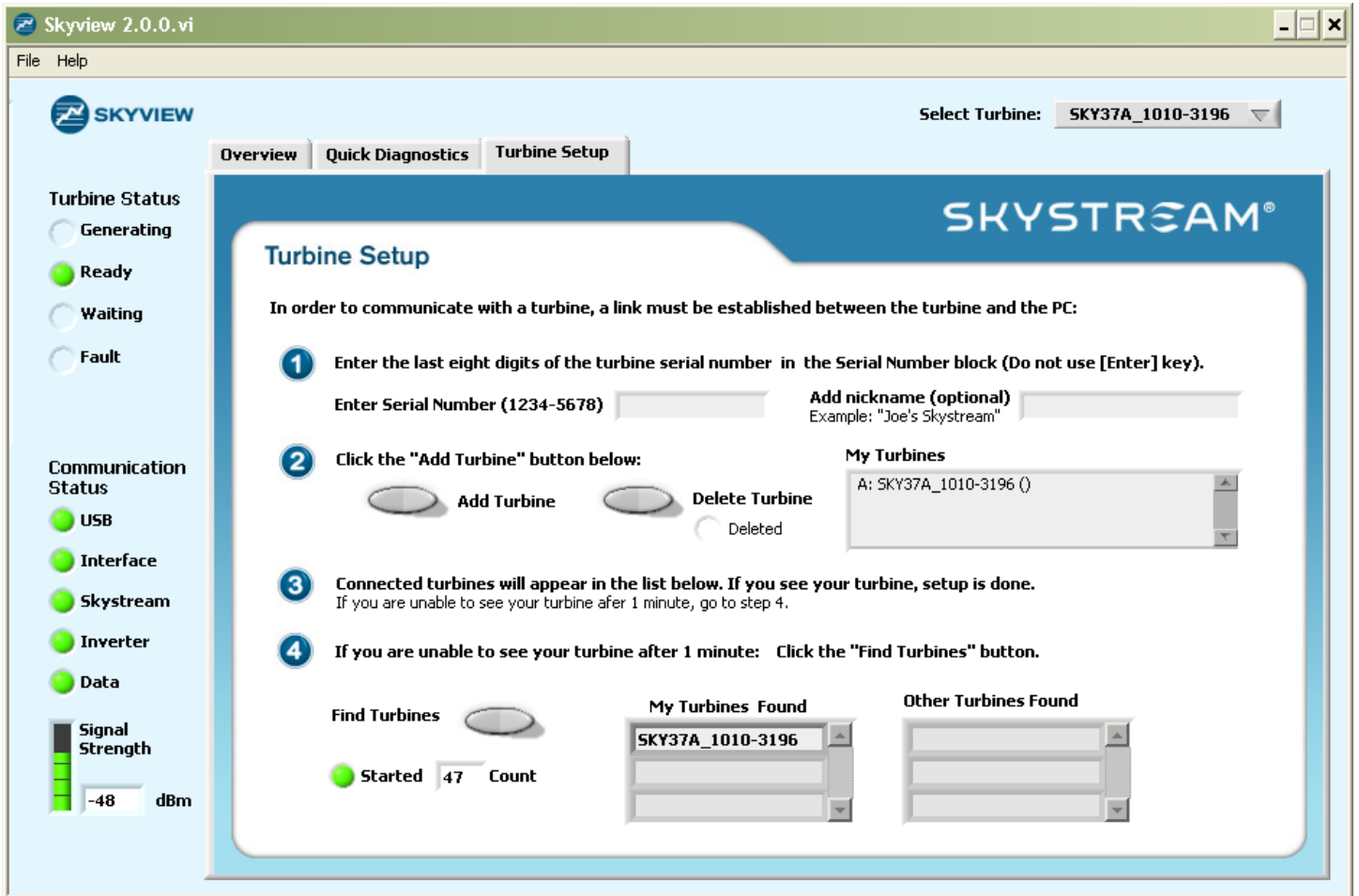
- Top right: "Select Turbine:" dropdown menu.
- Navigation tabs: Overview, Quick Diagnostics, Turbine Setup (selected).
- Header: SKYSTREAM®
- Section: Turbine Setup
- Text: "In order to communicate with a turbine, a link must be established between the turbine and the PC:"
- Step 1: "Enter the last eight digits of the turbine serial number in the Serial Number block (Do not use [Enter] key)."
Input fields: "Enter Serial Number (1234-5678)" and "Add nickname (optional) Example: 'Joe's Skystream'"
- Step 2: "Click the 'Add Turbine' button below:"
Buttons: "Add Turbine", "Delete Turbine", "Deleted" (radio button).
List: "My Turbines" (empty list box).
- Step 3: "Connected turbines will appear in the list below. If you see your turbine, setup is done. If you are unable to see your turbine after 1 minute, go to step 4."
- Step 4: "If you are unable to see your turbine after 1 minute: Click the 'Find Turbines' button."
Buttons: "Find Turbines", "Started", "Count" (displaying 0).
- Lists: "My Turbines Found" (empty list box) and "Other Turbines Found" (list box containing "SKY37A_1010-W0JG").

A red arrow points to the entry "SKY37A_1010-W0JG" in the "Other Turbines Found" list.

To get it to “jump” over to “My Turbines Found” simply go to the File menu in the upper left corner of the screen, and click on “Disconnect from USB Converter”

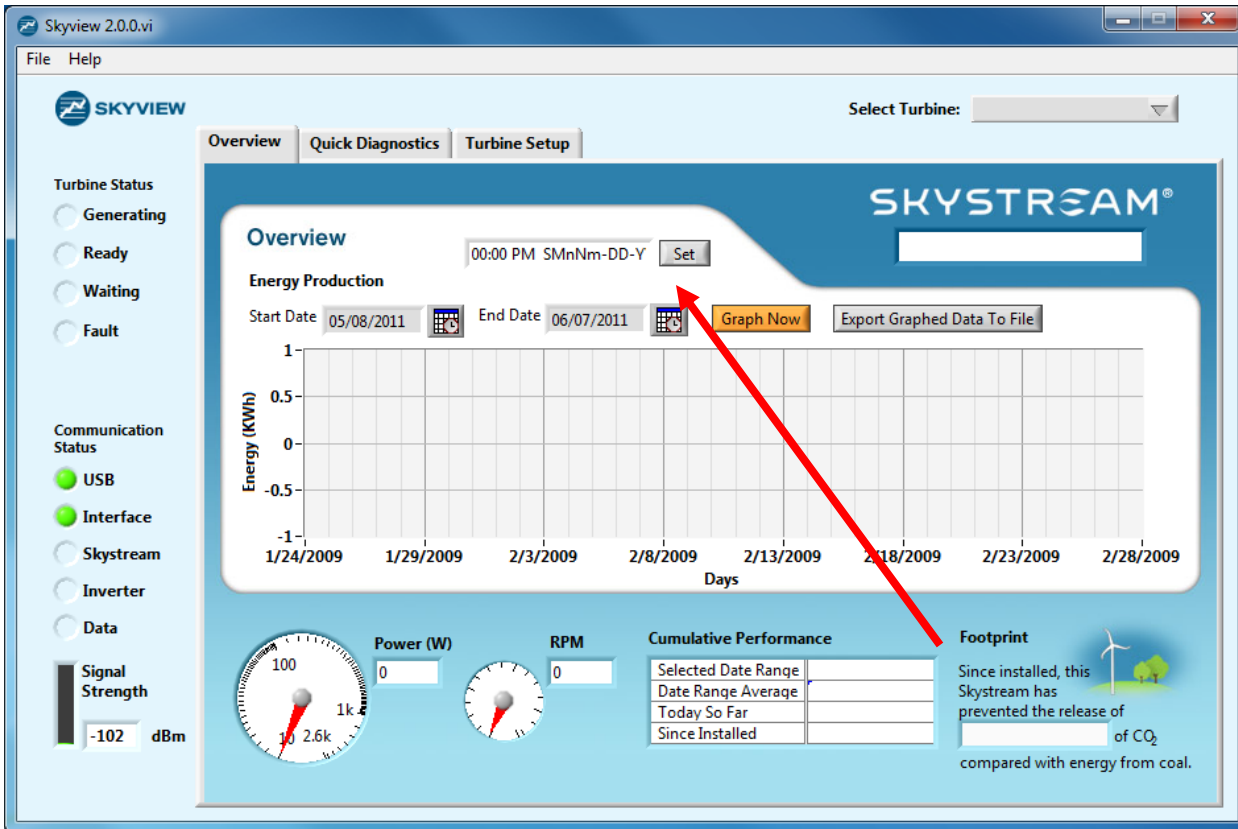


The USB and Interface lights will go out. As soon as they do, click on File/Connect to USB Converter. The turbine’s serial number will “jump” over to the My Turbines Found field and you will notice all five Communication Status lights will be green:



You are communicating with your turbine!

The first thing you should do is to “set” the date in the Overview screen because it will likely have an erroneous date showing there.



Enjoy your wireless communication! If you have questions about the various tabs and information, please read your Skyview Instruction Manual included on the CD Rom that you received containing the Skyview software.