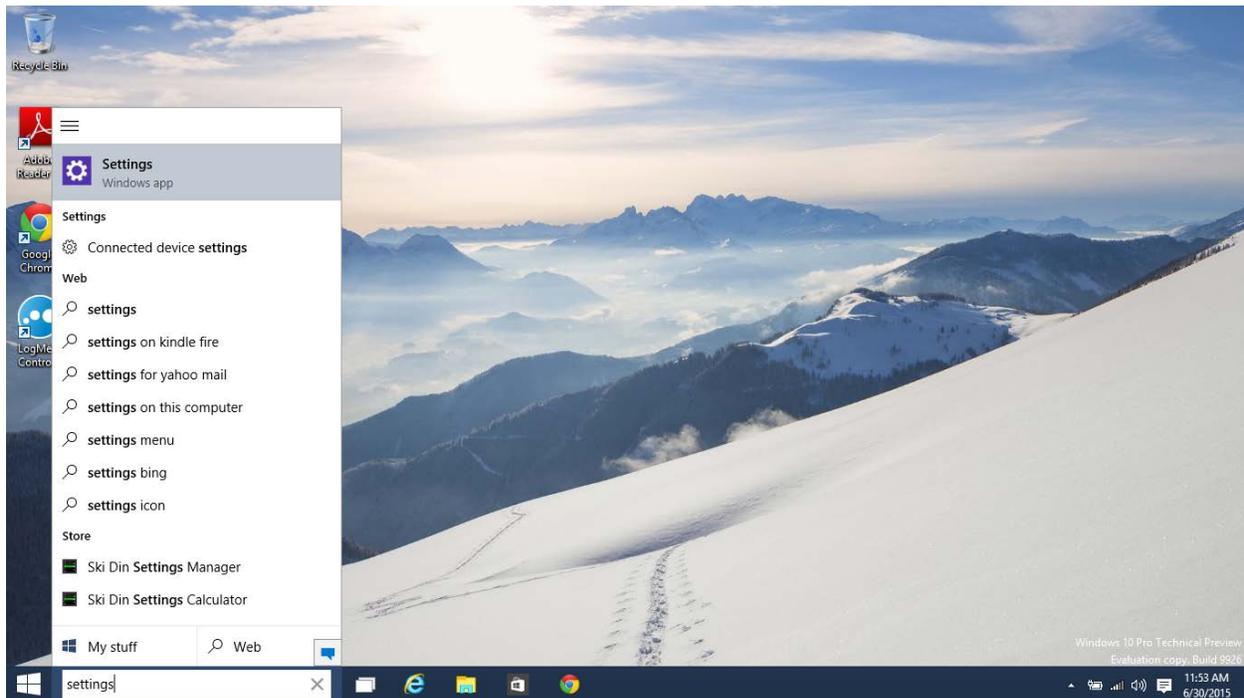


INSTALLING SKYVIEW 2.0 XBEE INTERFACE USB DEVICE ON WINDOWS 10

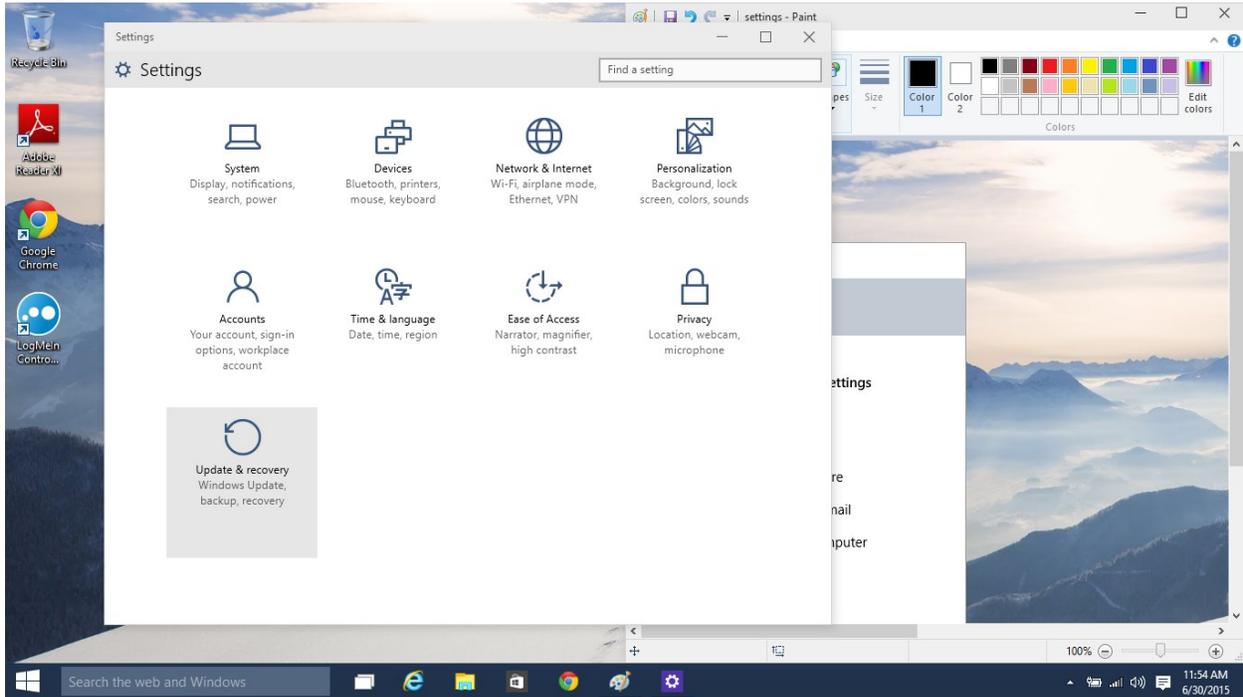
These instructions assume Skyview 2.0 software is already installed on the PC. To install the software, double click on the "Skyview Setup.exe" file on the CD Rom you received or in the downloaded folder.

How to Disable Driver Signature Verification on 64-Bit Windows 10

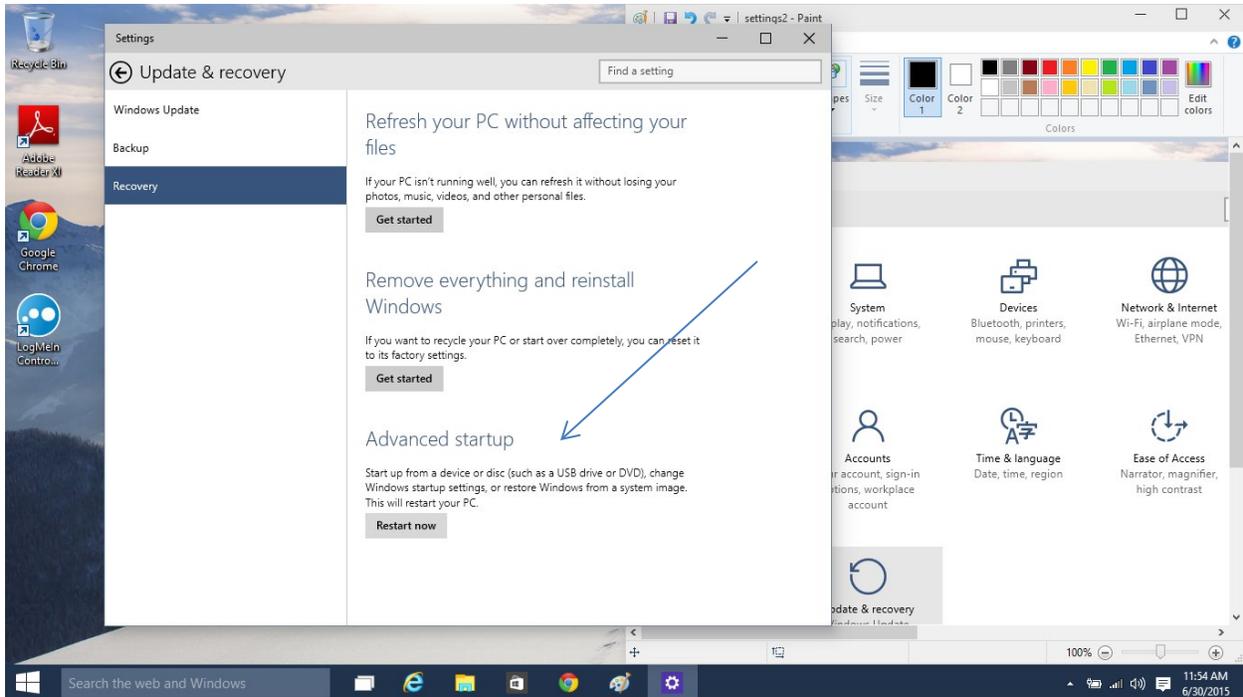
Use the search field in the lower left corner of the desktop screen to search for "settings".



Select the "Update and Recovery" item.



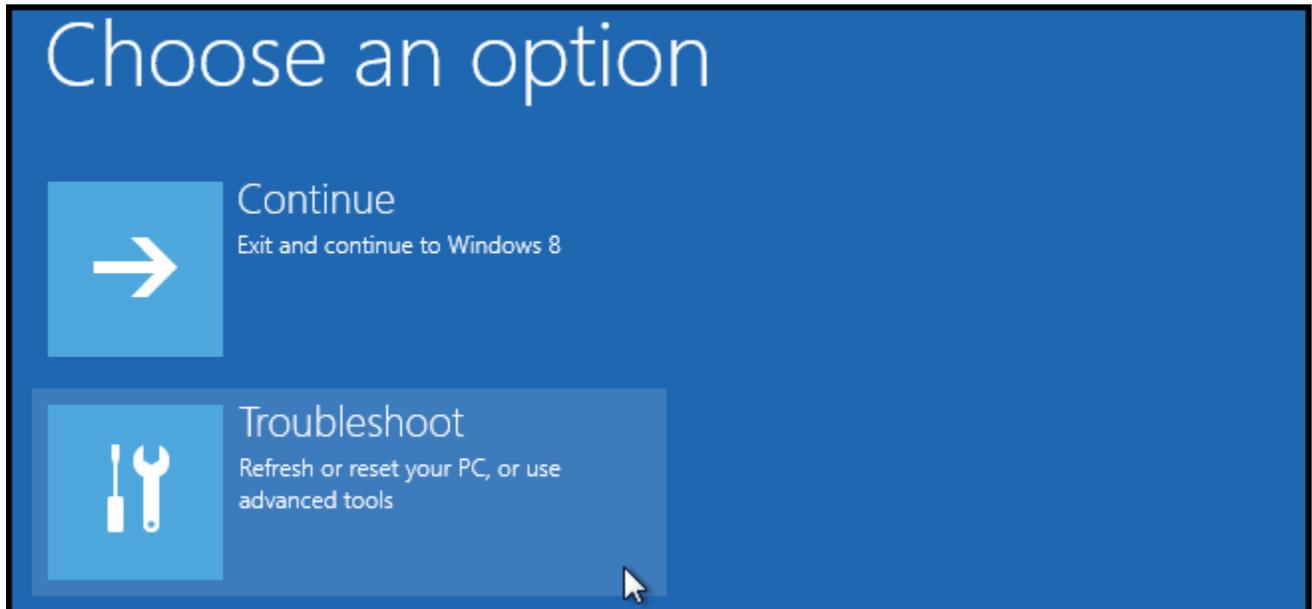
Select "Recovery" section and then "Advanced Startup".



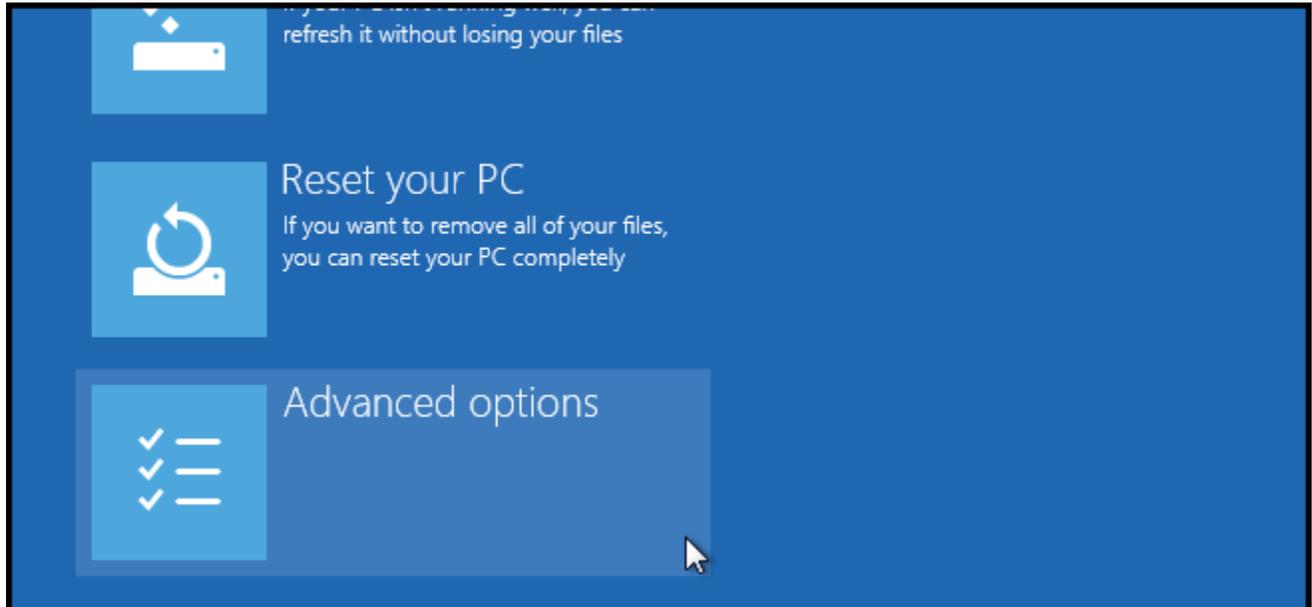
Click the "Restart now" button.



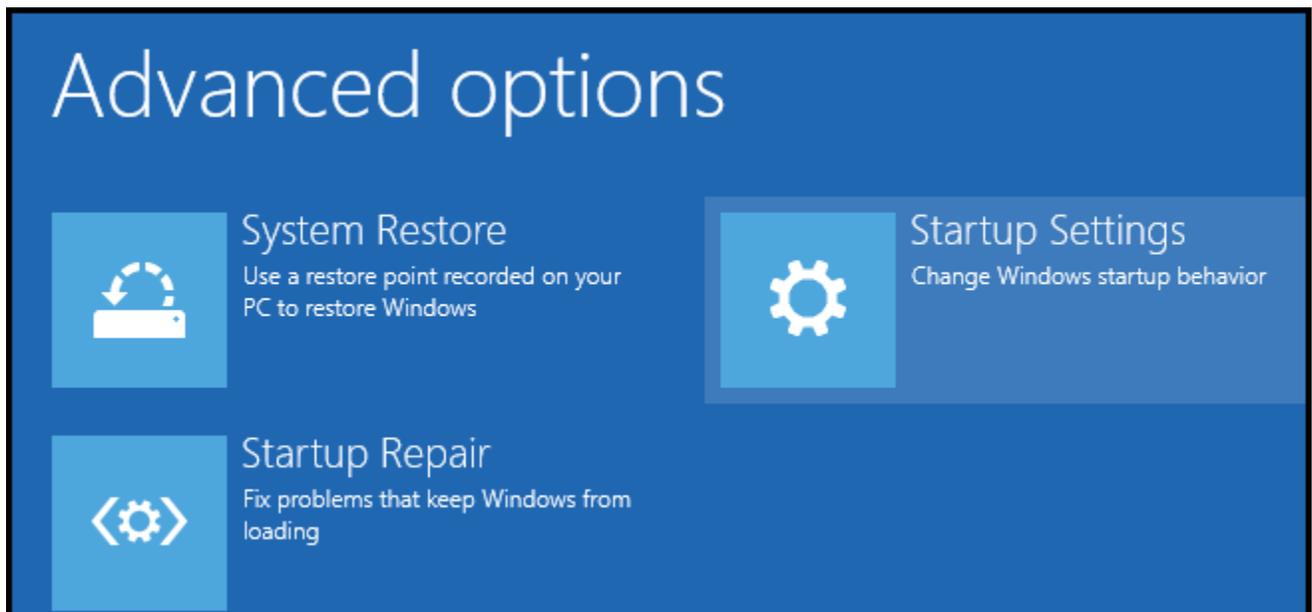
Once your Computer has rebooted you will choose the Troubleshoot option.



Select "Advanced options"



Then "Startup Settings"



Since we are modifying boot time configuration settings, you will need to restart your computer one last time.

Restart to change Windows options such as:

- Enable low-resolution video mode
- Enable debugging mode
- Enable boot logging
- Enable Safe Mode
- Disable driver signature enforcement
- Disable early-launch anti-malware protection
- Disable automatic restart on system failure

Restart

Finally, you will be given a list of startup settings that you can change. The one we are looking for is "Disable driver signature enforcement". To choose the setting, you will need to press the F7 key.

Startup Settings

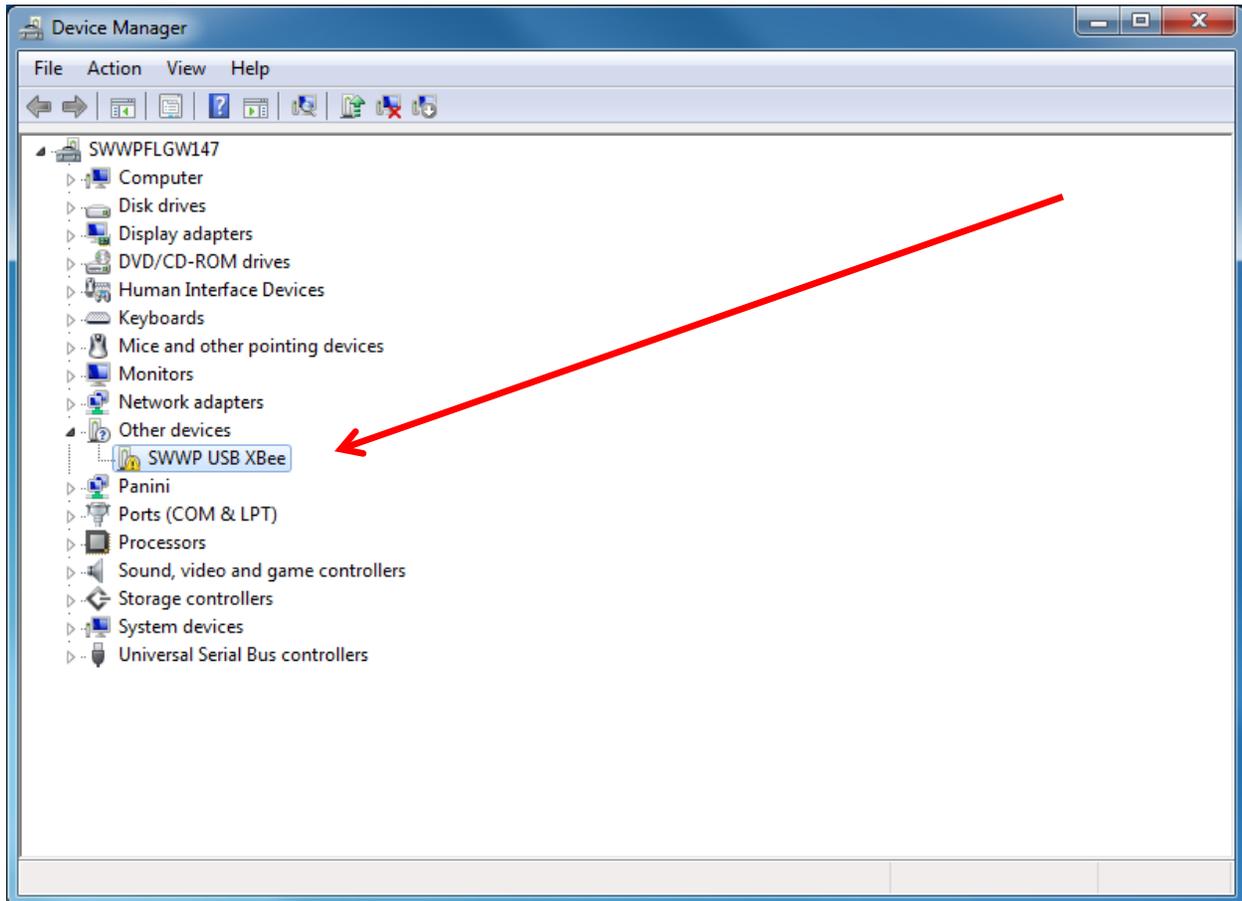
Press a number to choose from the options below:

Use number keys or functions keys F1-F9.

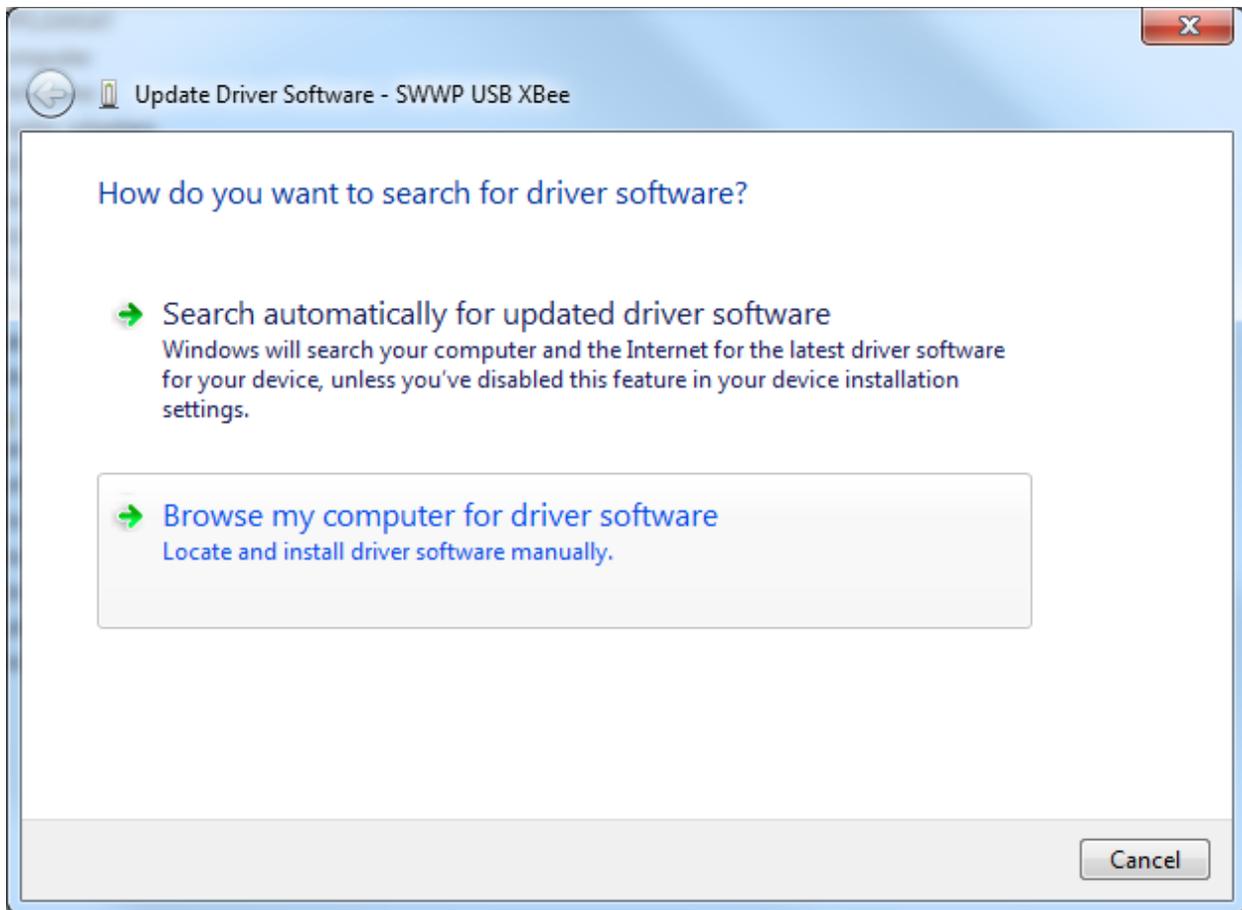
- 1) Enable debugging
- 2) Enable boot logging
- 3) Enable low-resolution video
- 4) Enable Safe Mode
- 5) Enable Safe Mode with Networking
- 6) Enable Safe Mode with Command Prompt
- 7) Disable driver signature enforcement
- 8) Disable early launch anti-malware protection
- 9) Disable automatic restart after failure

Congratulations! You have now made it possible for your computer to install the necessary drivers. Once your computer re-starts, you will be at the Start Page. You can now proceed with the driver installation. See below.

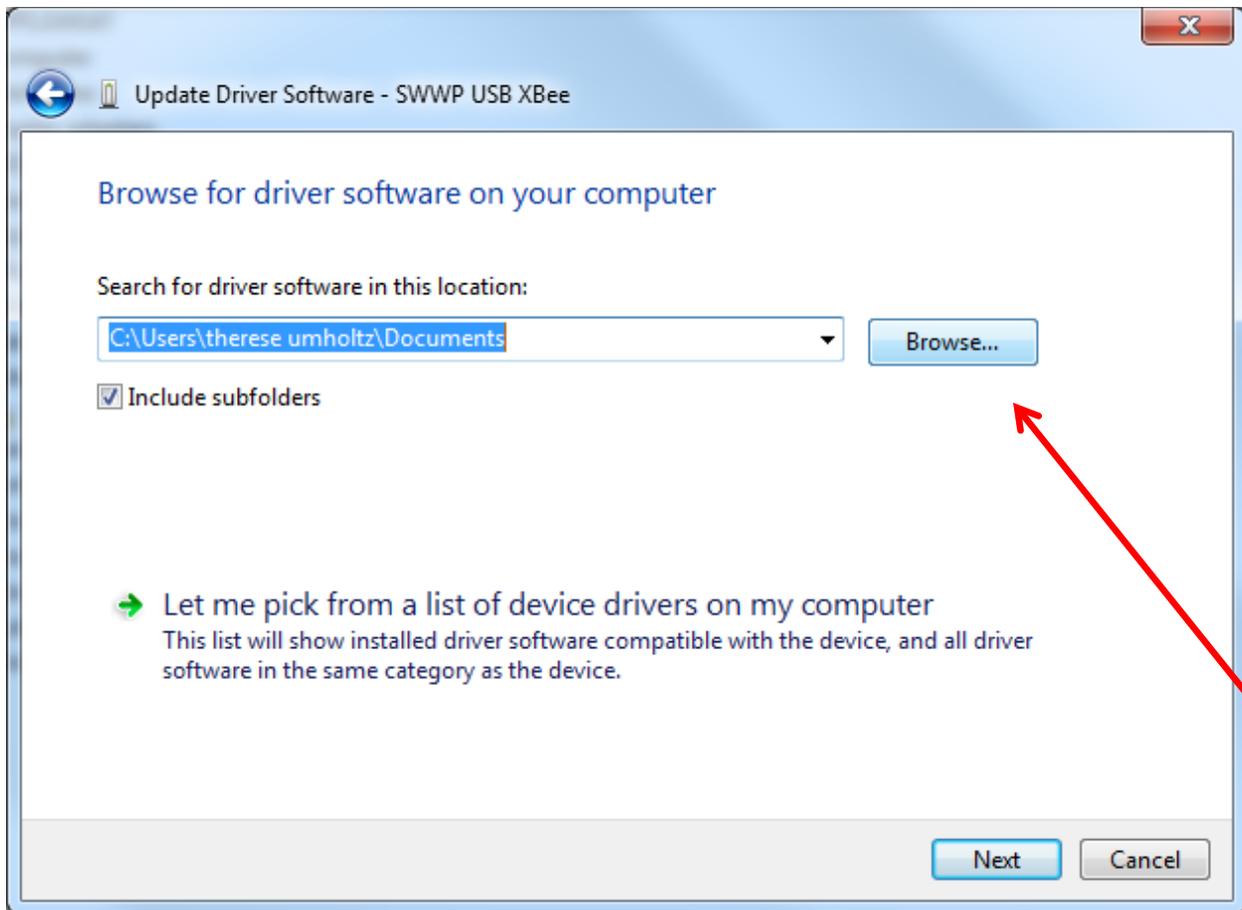
1. Search for the Control Panel.
2. Once in the Control Panel, search for “Device Manager”. Click on Device Manager
3. In the Device Manager screen, locate the SWWP USB Xbee device. It will be listed under “other devices” as below, or Universal Serial Bus controllers (you may have to “expand” that menu item to see the list):



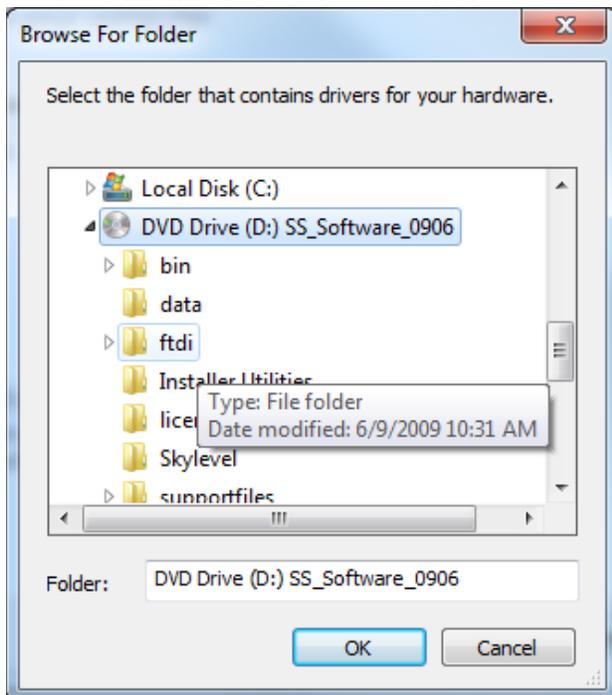
4. Right click on the name of the device, and select “update driver” from the menu that will appear (no screen shot available)
5. The following screen will appear. Select “Browse my computer for driver software”



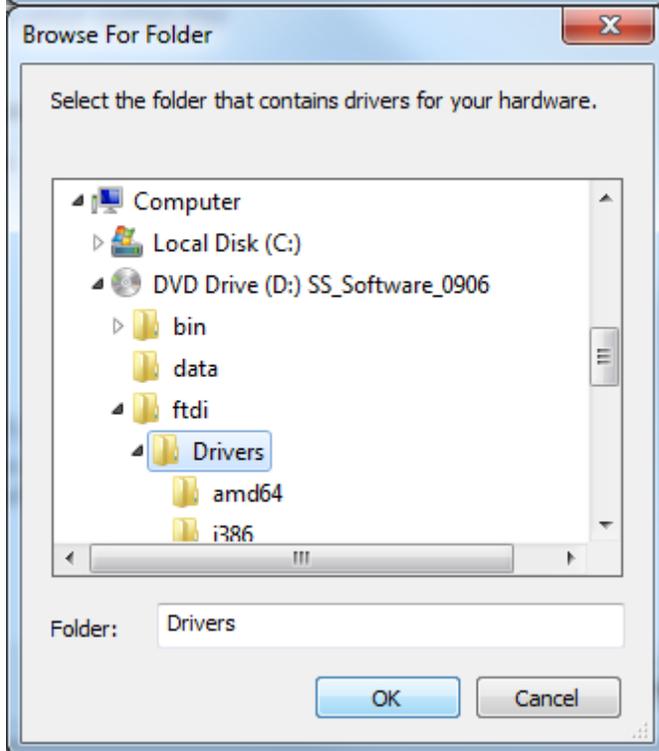
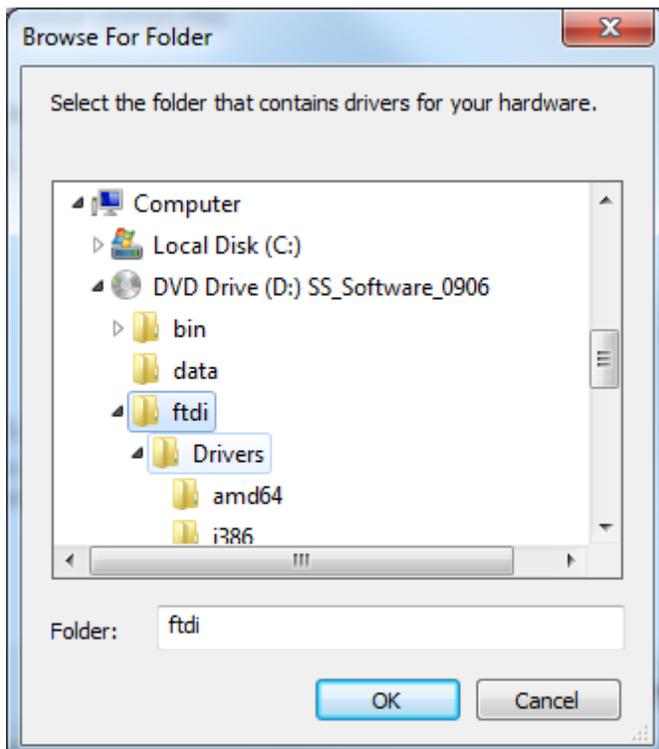
6. In the next screen, click the "browse" button.



7. In the Browse For Folder, find the location of your downloaded Skyview 2.0 file.
8. Double click on the "FTDI" folder

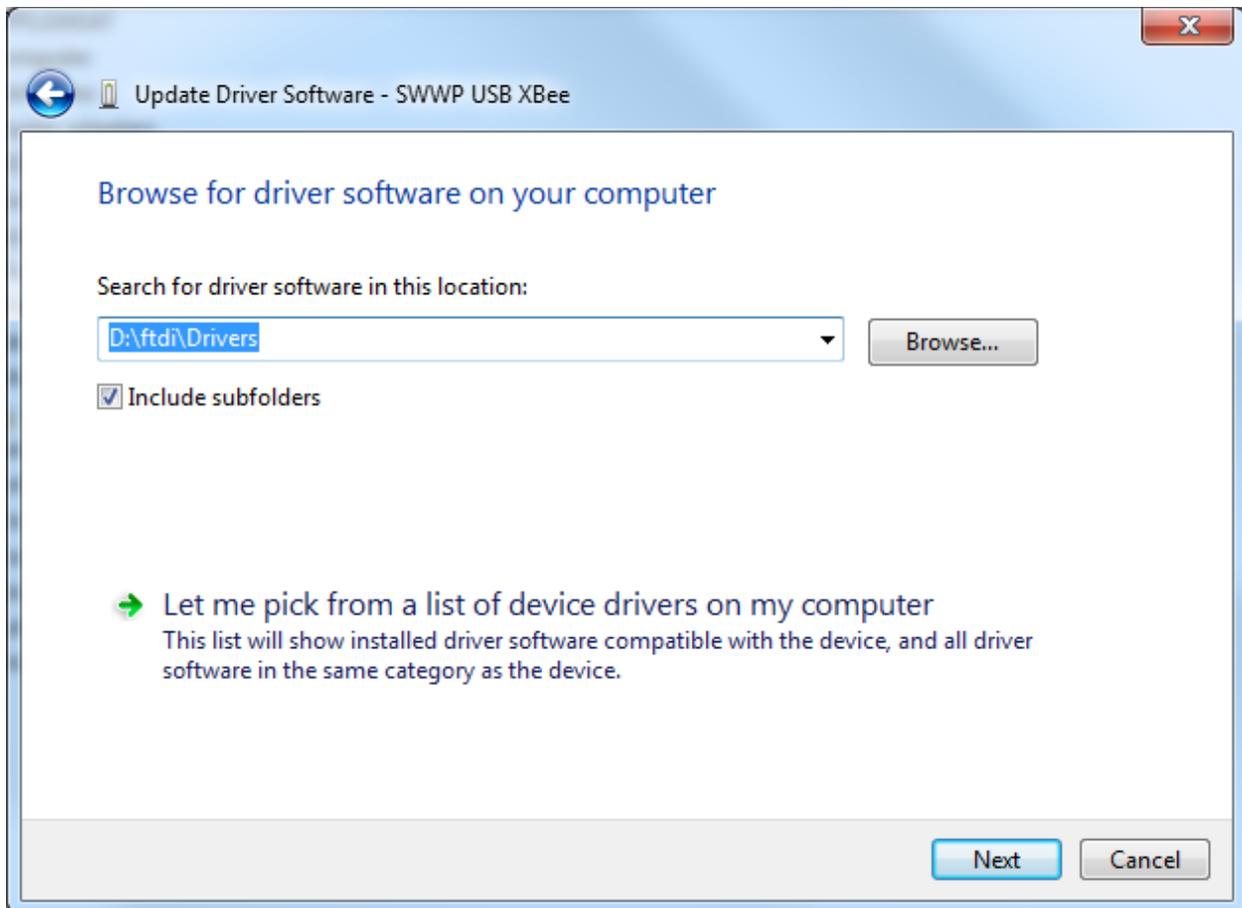


14. Single click (or “select”) only, on the “Drivers” folder within the ftdi folder.



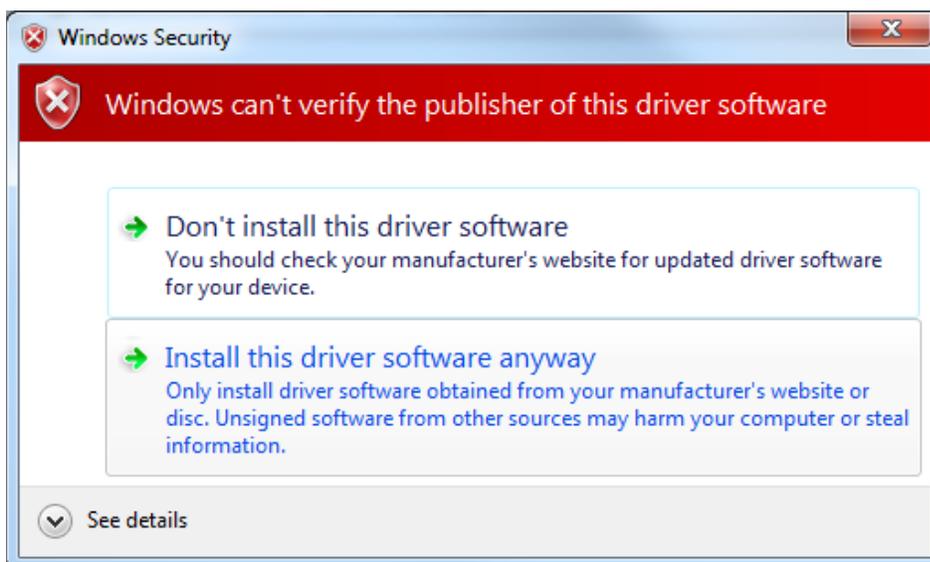
9. Click “OK”

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

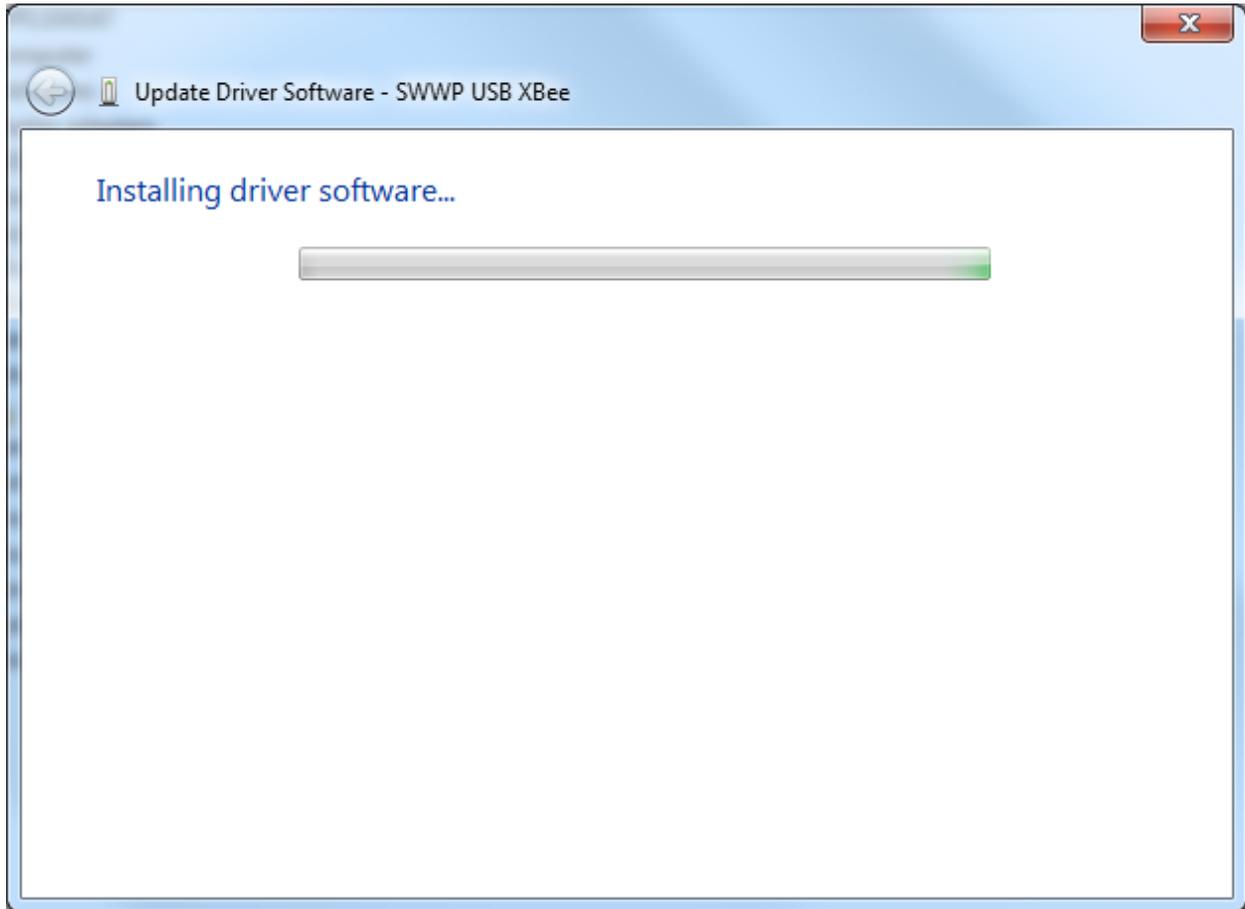


10. Click "Next"

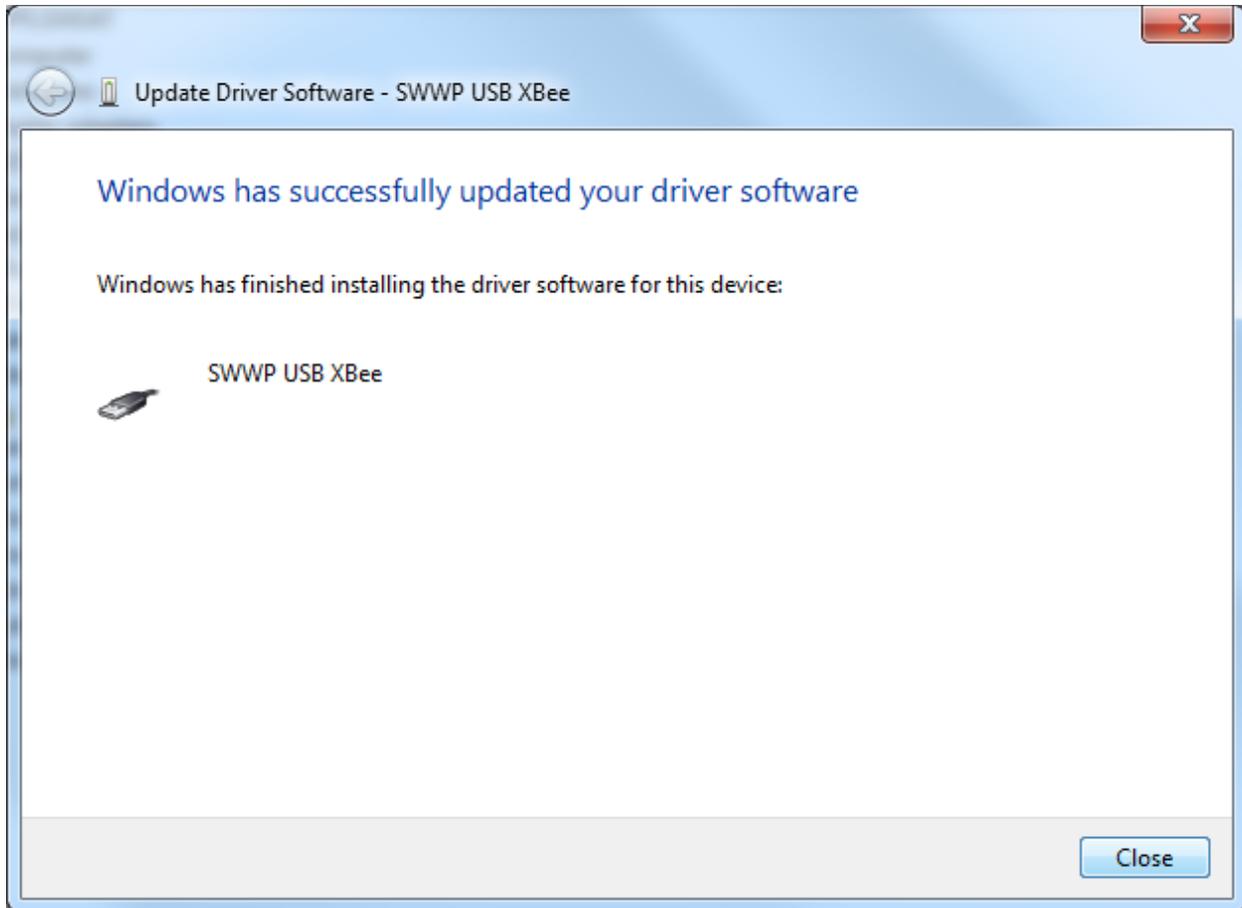
You may get a warning screen indicating the device driver is unsigned. Click "Install this driver software anyway."



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



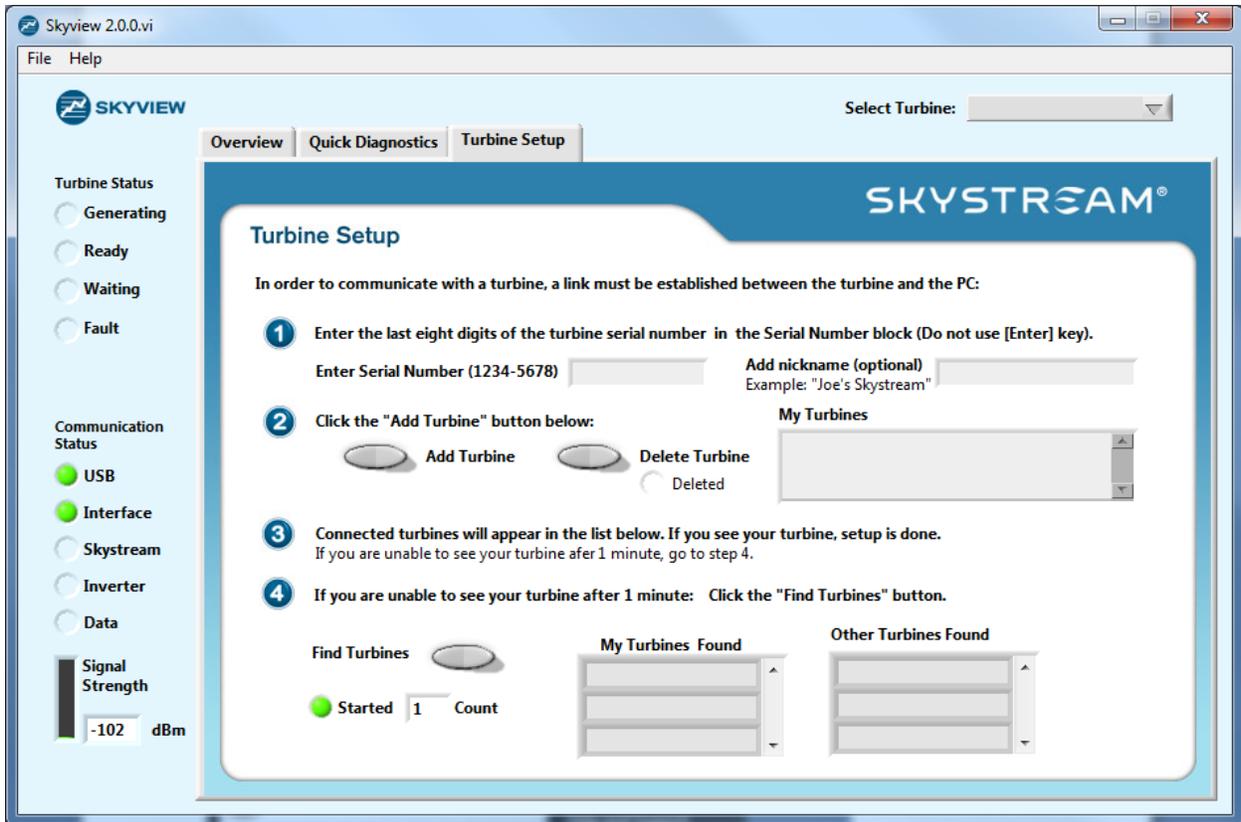
In about 30-60 seconds (sometimes several minutes), you should get the screen below:



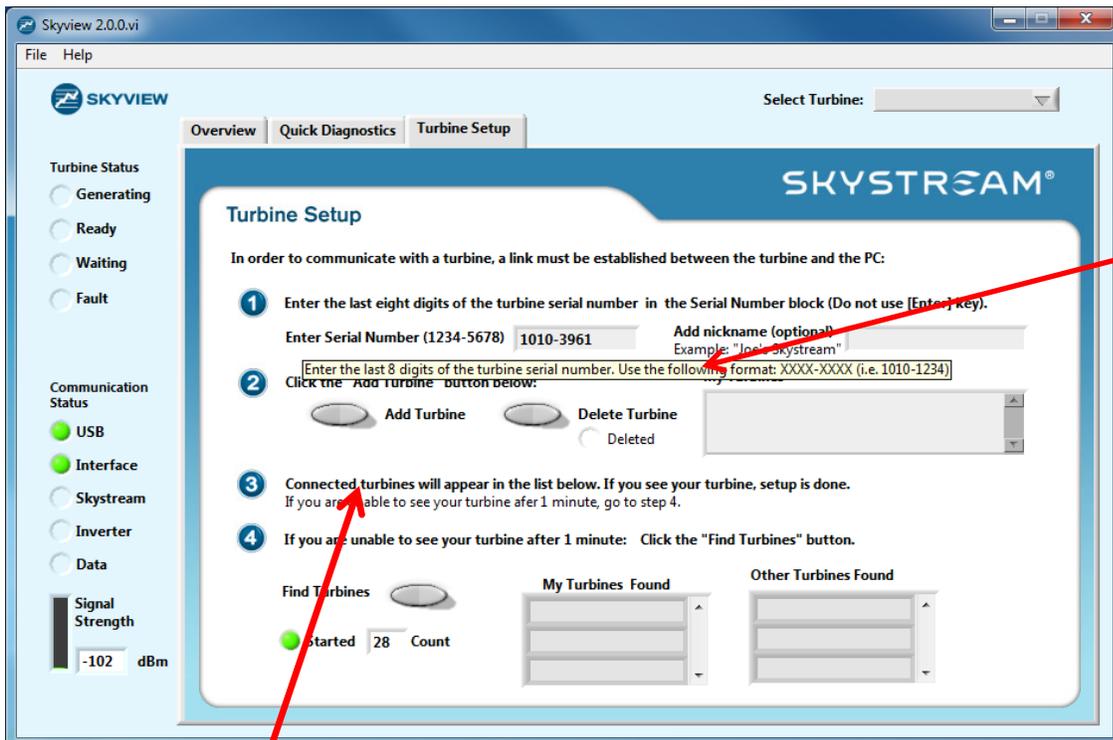
VERY IMPORTANT: You now need to repeat this whole process by going back to the Device Manager and re-installing the second driver by finding "USB Serial Port" device on the list of Devices in Device Manager that has a comment next to it.

After you are done installing the second driver, go to your "Apps" in Windows 10, find Skyview 2.0 (may show under the "Southwest Windpower" folder) and open it. You may also have to do a search for "Skyview 2.0" to find it the first time. Right click on the name of the app to set it as a shortcut or an icon on your desktop.

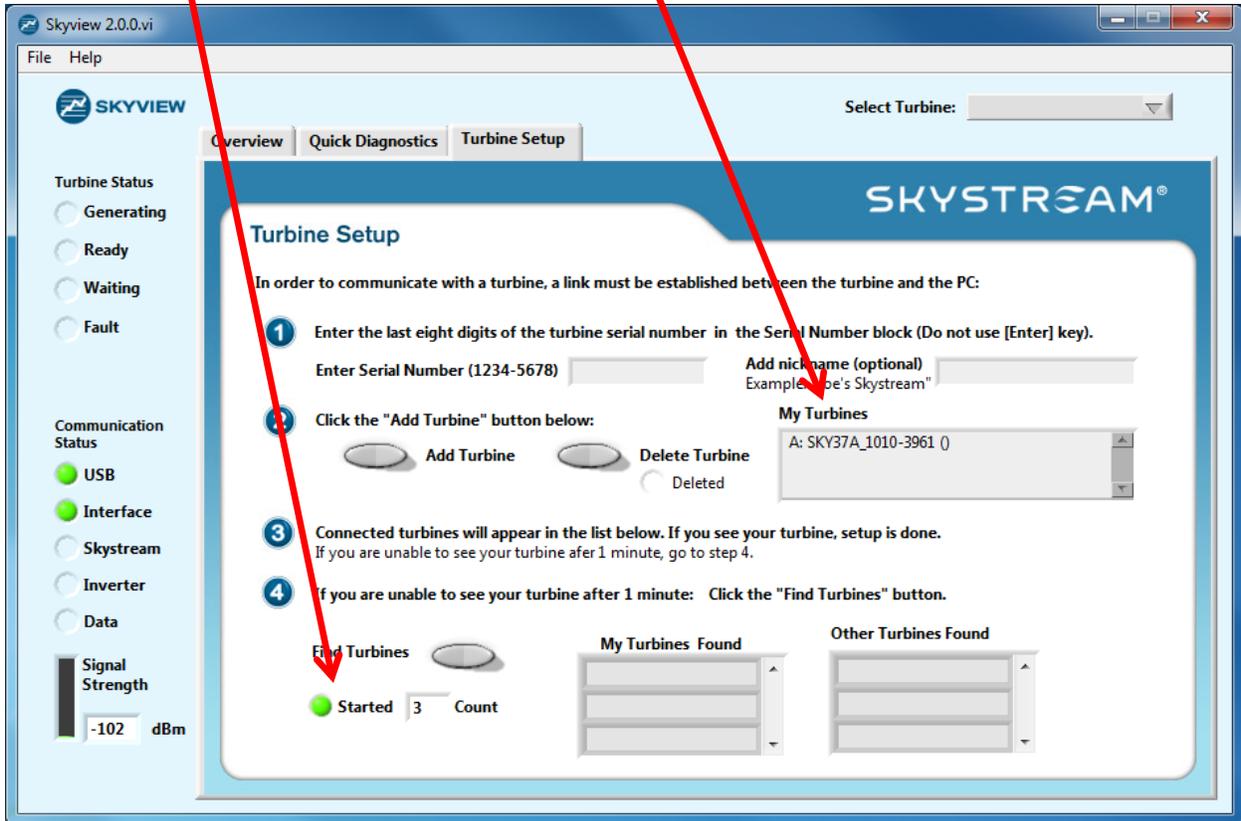
You should get the screen below, with USB and Interface LEDs green under Communication Status



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).



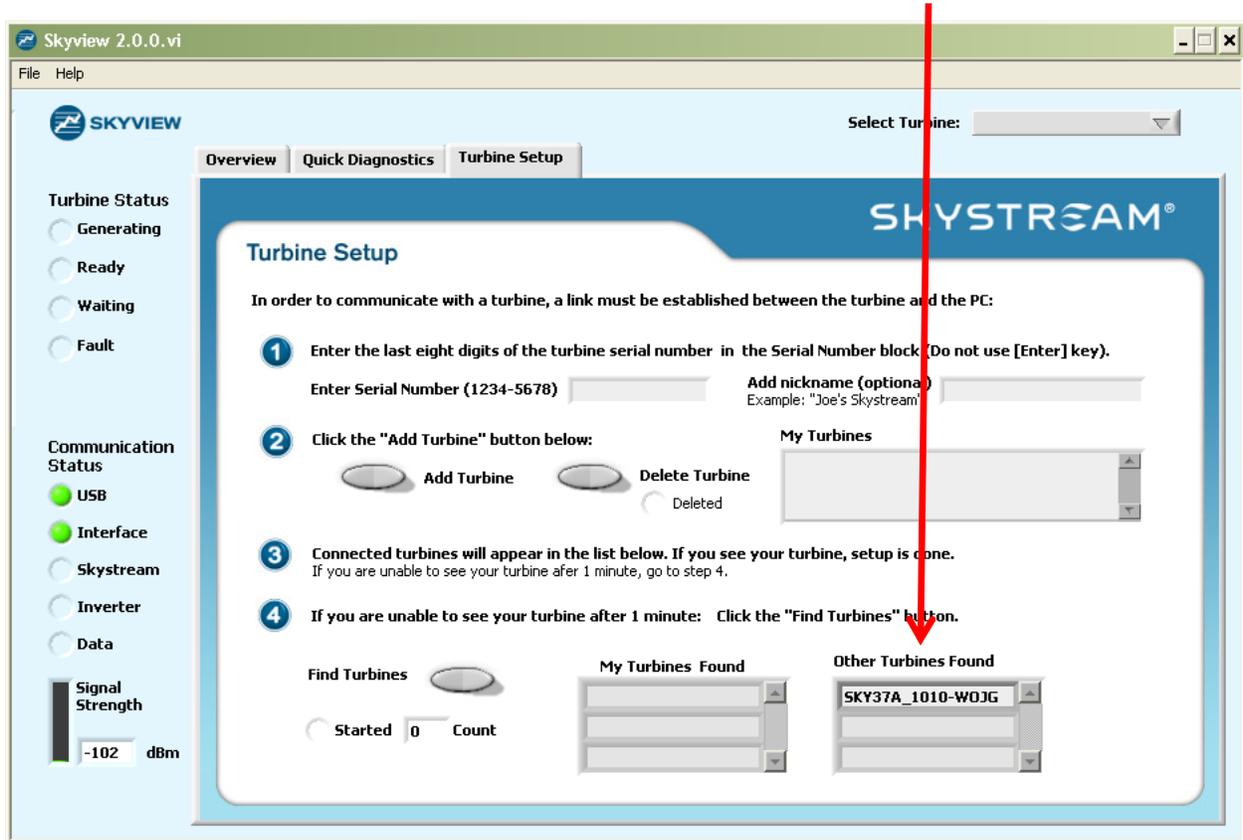
Within the 60 seconds, the turbine serial number should show up in the "My Turbines Found" field

The screenshot shows the Skyview 2.0.0.vi software interface. The window title is "Skyview 2.0.0.vi" and it has a menu bar with "File" and "Help". The main interface is divided into several sections:

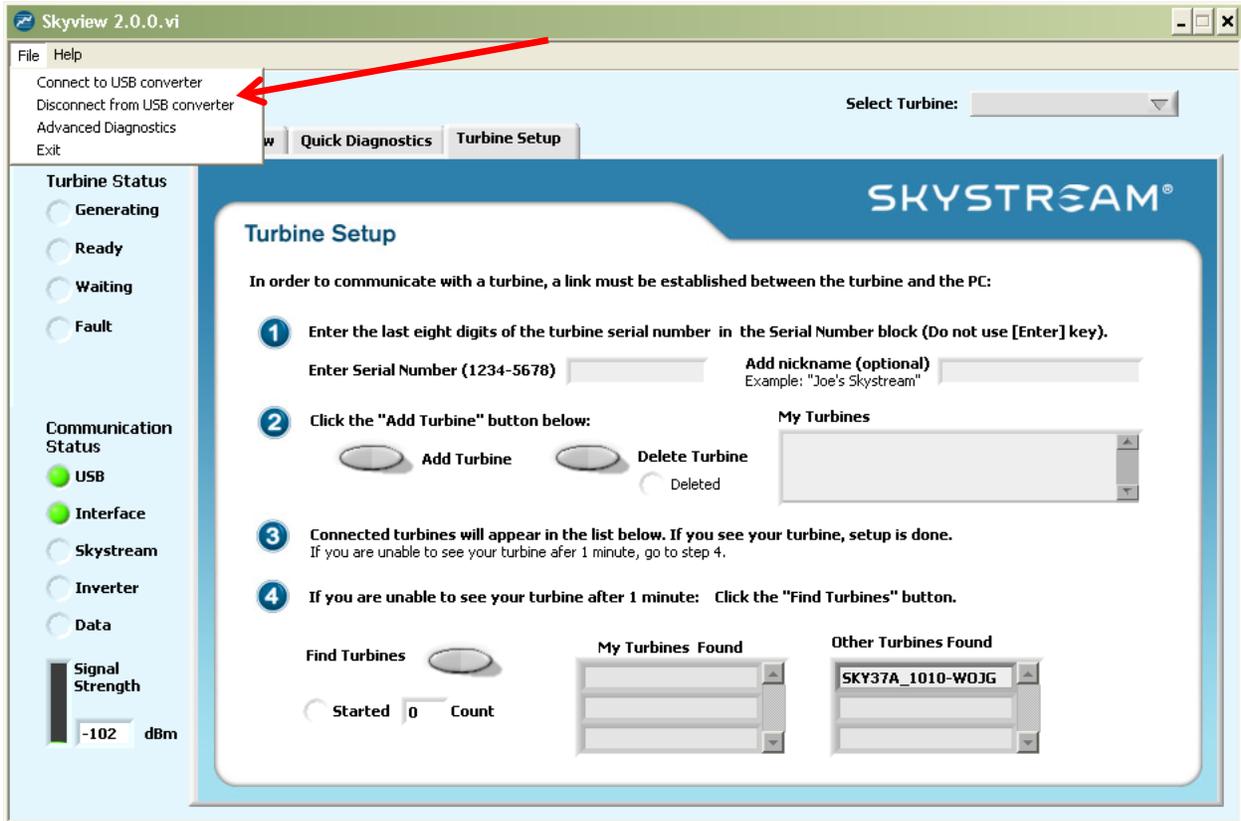
- Left Sidebar:**
 - Turbine Status:** Radio buttons for "Generating", "Ready", "Waiting" (selected), and "Fault".
 - Communication Status:** Green circles indicating "USB", "Interface", "Skystream", "Inverter", and "Data" are active.
 - Signal Strength:** A vertical bar graph showing a signal strength of -47 dBm.
- Top Right:** A dropdown menu labeled "Select Turbine:" with the value "SKY37A_1010-3196".
- Navigation Tabs:** "Overview", "Quick Diagnostics", and "Turbine Setup" (selected).
- Main Panel:**
 - Turbine Setup:** A blue header with the "SKYSTREAM" logo.
 - Instructions:** A list of four numbered steps: 1. Enter the last eight digits of the turbine serial number in the Serial Number block (Do not use [Enter] key). 2. Click the "Add Turbine" button below. 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. 4. If you are unable to see your turbine after 1 minute, Click the "Find Turbines" button.
 - Input Fields:** "Enter Serial Number (1234-5678)" and "Add nickname (optional)" (Example: "Joe's Skystream").
 - Buttons:** "Add Turbine" and "Delete Turbine" (with a "Deleted" checkbox).
 - My Turbines:** A list box containing "A: SKY37A_1010-3196 ()".
 - Find Turbines:** A button with a "Started" indicator showing "0" and a "Count" label.
 - My Turbines Found:** A list box containing "SKY37A_1010-3196".
 - Other Turbines Found:** An empty list box.

A red arrow points from the "My Turbines Found" list box to the "Find Turbines" button.

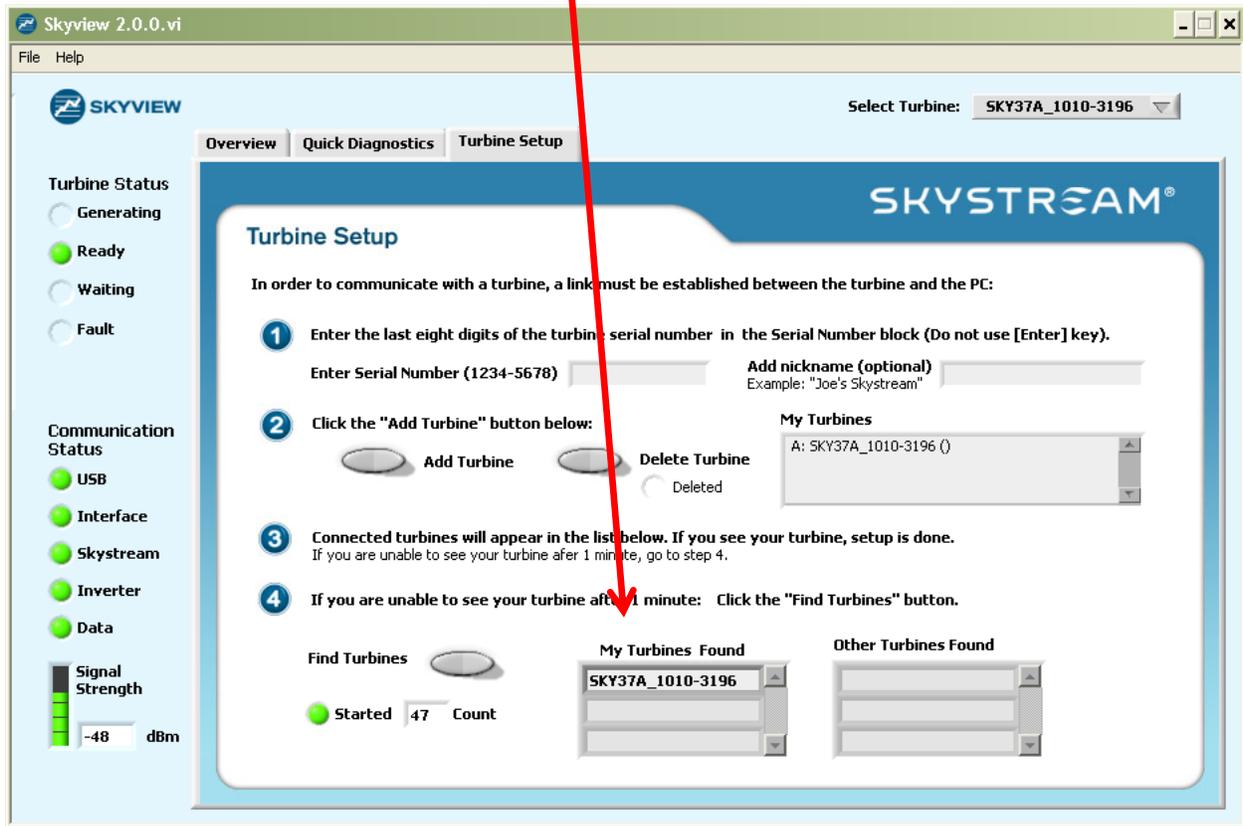
Occasionally the interface will “find” the turbine before you have a chance to enter the serial number, in which case the serial number will show up in an encoded format under “Other Turbines Found”



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:



This is a sign of good communication.

If you are unsuccessful at this point, attempt a forced join:

1. Shut power to the turbine down
2. Close Skyview
3. Wait five minutes
4. Open Skyview...within 60 second count showing in step 4 of Turbine Setup, start power to turbine

If still unsuccessful, call XZERES Skystream Tech Support at +1.503.388.7340