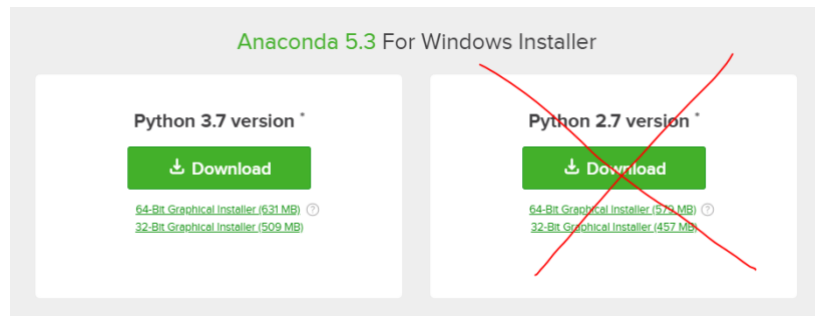


Installation Instructions

Installation

- Install the latest version of Anaconda (**Python version 3.7**, not version 2) on your local machine from <https://www.anaconda.com/download/>



- Also **install the Cartopy package** for Python by going to **Start → Anaconda3 → Anaconda Prompt** (PC Users) or the terminal (Mac/Linux users) and type:



conda install -c conda-forge cartopy

conda install -c conda-forge metpy

Check if the build works

1. Test Spyder

- **Launch Spyder**

- *Mac Users:* Open **Anaconda Navigator**  and you will how to launch **Spyder**
- *PC Users:* Go to **Start → Anaconda3 → Spyder** 
- *Linux Users:* Type **spyder** into the terminal

- In the Spyder console, type **import cartopy** and hit **enter**. See below for an example.
 - If no errors print, the package loaded successfully.

```
Spyder (Python 3.6)
File Edit Search Source Run Debug Consoles Projects Tools View Help
Symbol finder
temp.py*
1 # -*- coding: utf-8 -*-
2 '''
3 Spyder Editor
4
5 This is a temporary script file.
6 '''
7

Editor Variable explorer File explorer Help
IPython console
Console 1/A
Python 3.6.1 |Anaconda custom (64-bit)| (default, May 11 2017, 13:25:24) [MSC v.1900 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more information.

IPython 5.3.0 -- An enhanced Interactive Python.
? -> Introduction and overview of IPython's features.
%quickref -> Quick reference.
help -> Python's own help system.
object? -> Details about 'object', use 'object??' for extra details.

Restarting kernel...

In [1]: import cartopy
Traceback (most recent call last):
  File "<ipython-input-1-8327782196fd>", line 1, in <module>
    import cartopy
ModuleNotFoundError: No module named 'cartopy'

In [2]: import numpy
In [3]:
```

Permissions: RW End-of-lines: CRLF Encoding: UTF-8 Line: 7 Column: 1 Memory: 75 %

2. Test Jupyter Notebooks (NESDIS/STAR: restricted by IT)

- **Launch Jupyter Notebooks**
 - *Mac Users:* Open **Anaconda Navigator**, open **Jupyter Notebook**
 - *PC Users:* Go to **Start -> Anaconda3 -> Jupyter Notebook**
 - *Linux Users:* Type **jupyter notebook** into the terminal
- If it succeeds, a browser window will launch and you'll see something like this:

