**Using wget with Matlab on a MAC ….**

1. Open Terminal.app and install wget using Home Brew. Follow steps 1 and 2 here:

<https://www.maketecheasier.com/install-wget-mac/>

1. In Terminal, cd to a test directory, and test wget using some of the examples in step 3.

e.g. try:

wget ftp://ftp2.psl.noaa.gov/Datasets/ncep.reanalysis2/gaussian\_grid/uwnd.10m.gauss.2017.nc

wget -c ftp://ftp2.psl.noaa.gov/Datasets/ncep.reanalysis2/gaussian\_grid/uwnd.10m.gauss.2017.nc

1. Open Matlab. Open startup.m and add the following lines of code:

setenv('PATH','/System')

setenv('PATH', [getenv('PATH') ':/usr/local/bin:/usr/bin:/bin']);

1. In Matlab, cd to the directory where you want to download files. Use the system command to download files using wget.

NOTE: on a PC, you first need to use the system cd command to change the system directory, and then download files to that directory using wget. On a Mac, when using the system/wget commands in Matlab, the files are downloaded to the current Matlab directory.

e.g.

cd '\my\download\directory\'

%Download a single file

%system('wget ftp://ftp2.psl.noaa.gov/Datasets/ncep.reanalysis2/gaussian\_grid/uwnd.10m.gauss.2017.nc');

%Continue downloading a single file (or don't download it it already exists)

system('wget -c ftp://ftp2.psl.noaa.gov/Datasets/ncep.reanalysis2/gaussian\_grid/uwnd.10m.gauss.2017.nc');

%Download a list of files

system(['wget -i ' my\_download\_files.txt])