April 9, 2018

Data accessible from the Coop Charting page of MarcoIslandSailandPowerSquadron.org

The following instructions assume a Windows 7 or Windows 10 computer and a Chrome browser. Other computers and/or browsers will require similar actions, but there may be differences.

Data Visualization using Google Earth

If you do not already have Google Earth or Google Earth Pro installed on your computer, click the <u>Google Earth</u> link on the webpage to go to the Google Earth Pro download page. On that page, read the Terms of Service and then click "Agree and Download". The installation file then downloads to your default Download folder, and a link to it appears at the bottom of your browser window. Click on this link or navigate to your Download folder and click it there to begin the installation. Follow the prompts to install Google Earth Pro. Note: Google Earth Pro is the same as Google Earth but has a few additional features.

After Google Earth or Google Earth Pro is installed, click the link "MISPS Survey and Lightlist for Google Earth.kmz" on the Coop Charting page. The KMZ file downloads to your default Download folder and a link to it appears at the bottom of your browser window. Click this link or navigate to your Download folder and click it there. Google Earth should open on your computer and fly you to the Marco area showing all the map data in the KMZ file. If this doesn't happen, open Google Earth on your computer, then click "File" (at top of window), then "Open", then navigate to the downloaded KMZ file and open it in Google Earth. The folder of map data is now under "Temporary Places" in the Places panel on the left side of the Google Maps window. It is named "MISPS Survey and Lightlist yyyy-mm-dd.kmz" where yyyy-mm-dd is the date the file was created.

(Note: If you have another application on your computer that can open KMZ files, the file may open automatically in that application when you download it. To open it in Google Earth, do one of the following: a) Uninstall the other program and try again, b) Change the default application for KMZ files to Google Earth and try again, or c) Find the downloaded file on your computer, right click and open with Google Earth.)

In Google Earth, check out some of the features:

- Zoom and pan using scroll wheel and mouse (left-click to pan, ctrl+left-click to pivot and tilt, center-click to tilt and pivot about a point, right-click to zoom and pivot). Or use the controls at upper right.
- Zoom to the white square just west of Marco Island for key to icon shapes and colors.
- Expand or compress folders and subfolders in the My Places list to see available categories of icons. Check or uncheck folders to view or not view the icons.
- Drag a folder from Temporary Places to My Places to save it in Google Earth. To delete an old kmz file from My Places, select it and hit "Delete" key.
- Click on an icon to see zone ID and other information about it.
- On the Tools menu, select Ruler (or click the ruler icon at the top of the window) to measure distances and headings.
- On the Tools menu, select Options to change lat/lon units and other settings.
- On the View menu, check "Scale Legend" to display a distance scale.
- On the View menu, check "Historical Imagery" (or click the clock icon at the top of the window) to open a time slider that allows viewing earlier imagery. Earlier imagery may be better than the default for viewing certain details (calmer water, lower tide, no clouds).