QPF Steps

- Install Google Earth: https://www.google.com/earth/ (Pro Version)

- Go to the Quantitative Precipitation web page: www.wpc.ncep.noaa.gov/qpf/qpf2.shtml

- Choose KML (Keyhole Markup Language) option: www.wpc.ncep.noaa.gov/kml/kmlproducts.php

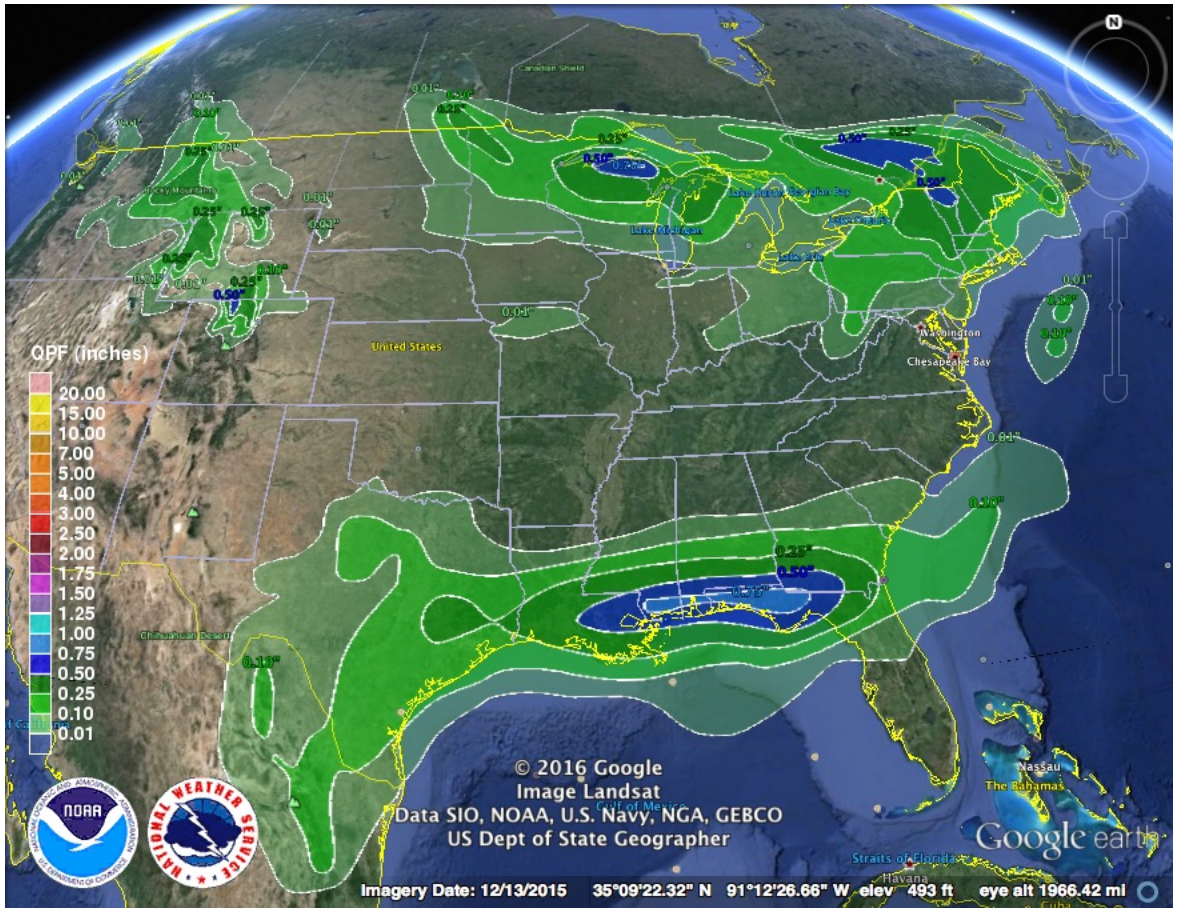
- Click on Quantitative Precipitation Forecasts and download a kml file. There are several options: 24-Hour forecasts for Days 1, 2 and 3. 6 Hour forecasts for Days 1, 2, and 3. Also variations of Mutli Day QPFs for periods of 48 hours up to one week (168 hours).

QPF in Google Earth

In Google Earth Choose File → Open → Choose .kml file (QPF24hr_day1_main.kml)

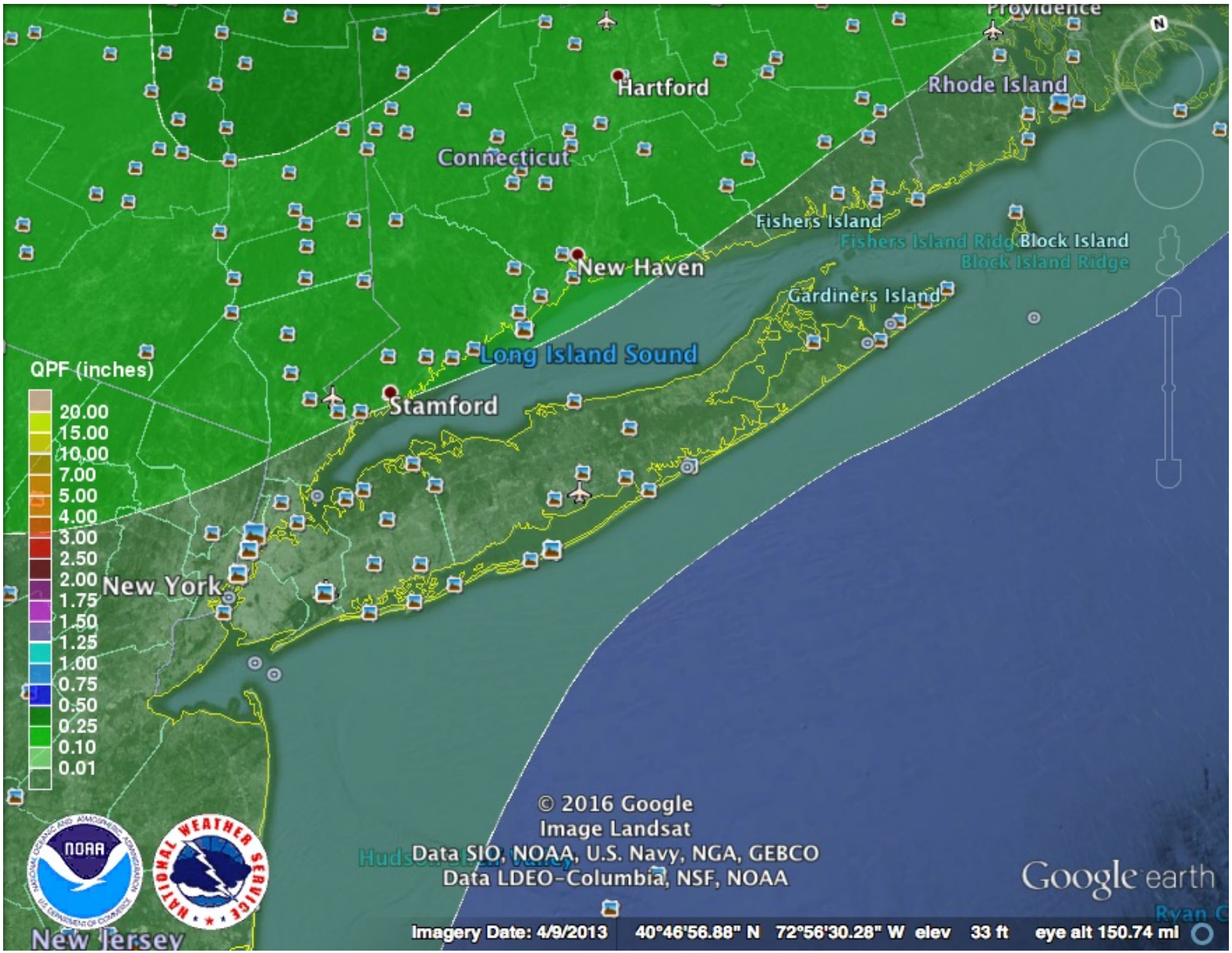
Shows expected total precipitation in inches over the 24 hour period listed.

National QPF in inches over 24 Hours from 3/17 0Z to 3/18 0Z



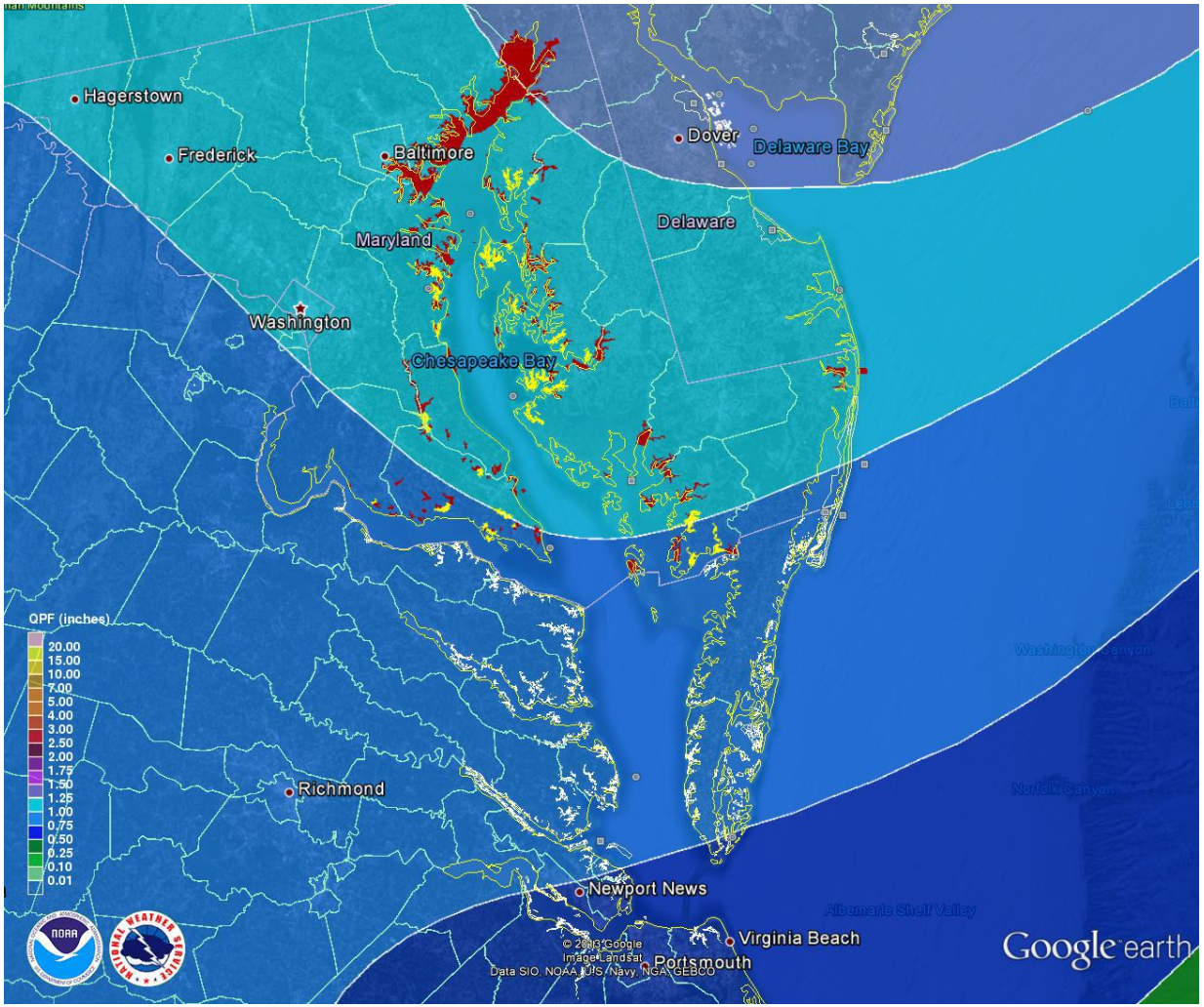
QPF in Google Earth

Zoom in on Long Island Sound.
QPF in inches 3/17 0Z to 3/18 0Z
Z = Zulu Time = EDT + 4 Hours



Adding Shape Files

- File → Import → your shape file directory and file
- Find in "Temporary Places" and click box to activate
- Right click on file in places menu bar.
- Click on "Save to My Places"
- If you do not save to my places, the file will be removed upon closing Google Earth.



Layers

- Explore the layer directory (below places) to add in weather observations, boundaries, etc..
- Under weather, there is an “Ocean Observations” layer that provides access to real time buoy data
- Click on buoy of interest to retrieve current data.