

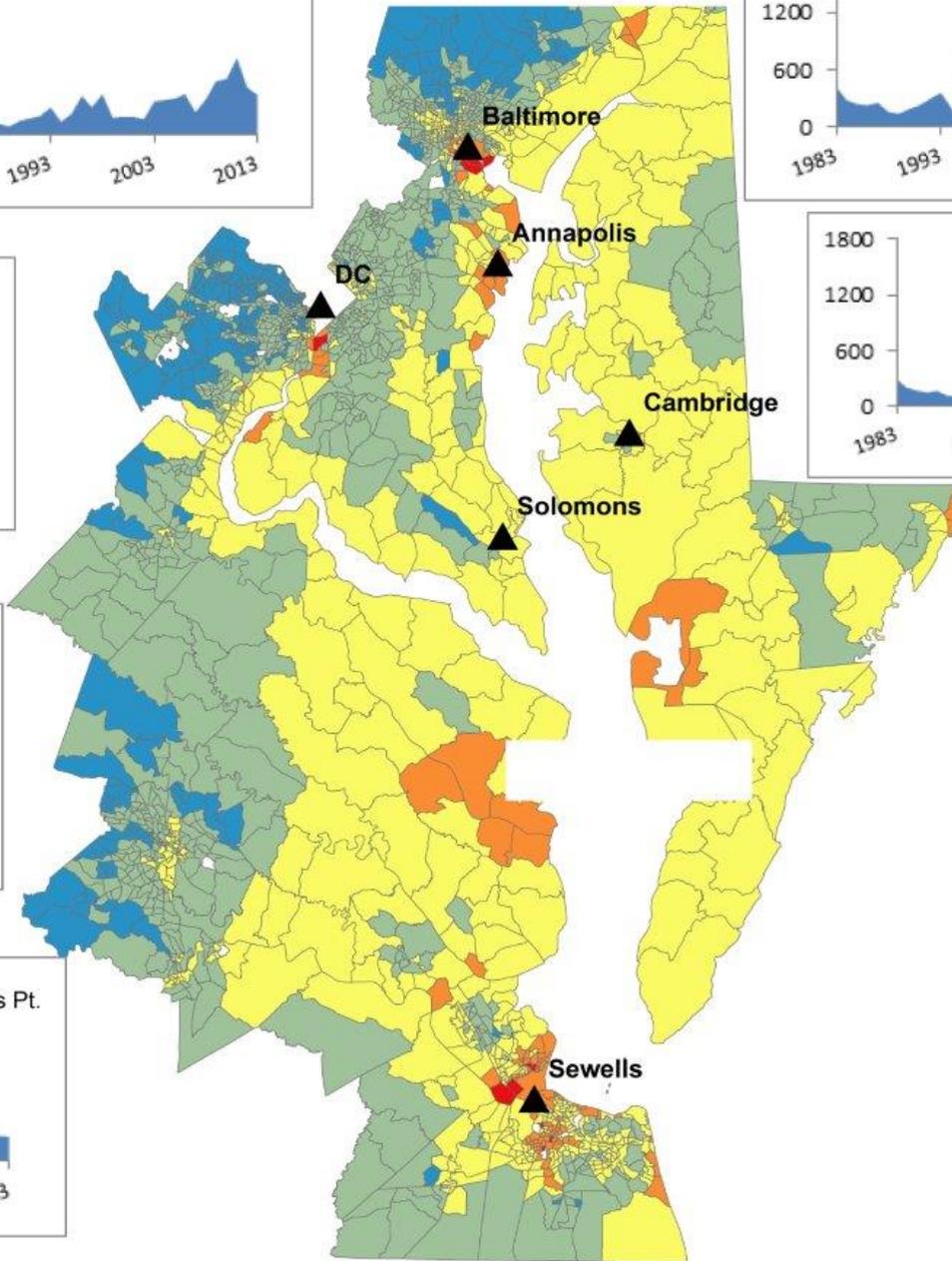
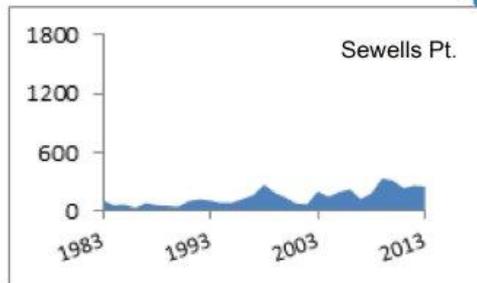
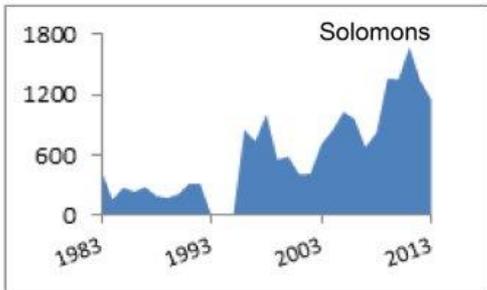
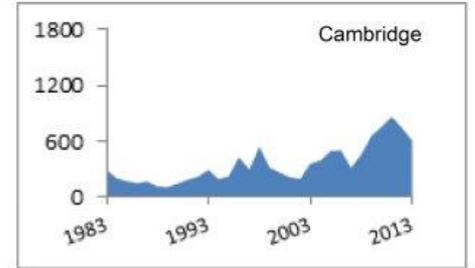
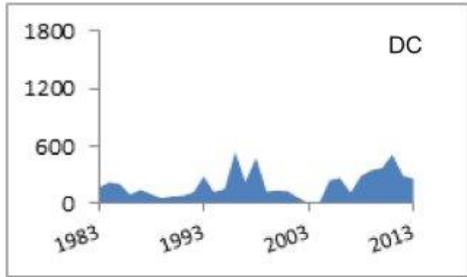
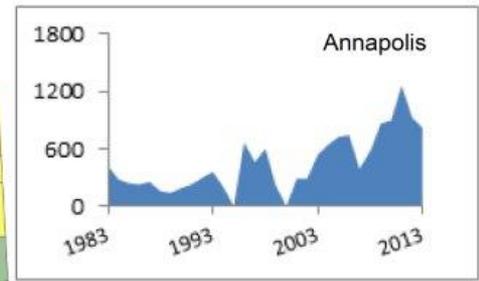
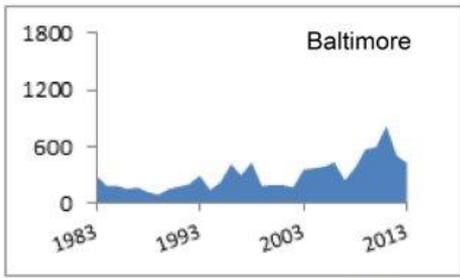
Recurrent Flooding – short-term forecasting

- nuisance
- minor
- moderate
- severe

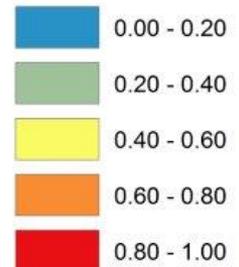


TideWatch project

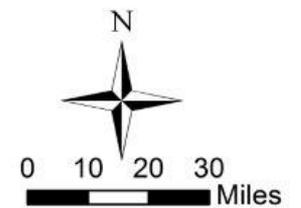
- short-term water level prediction (+36 hrs)
- incorporate anticipated storm surge
- benchmarked on land
 - water elevations transferred to land features
 - using roads and well known structures
- crowd-sourced calibration and validation
 - smart phone aps for time/location/photos
- outreach to localities and media



Indicator Value



 NOAA Tide Gauge



City of Poquoson Comprehensive Map Viewer

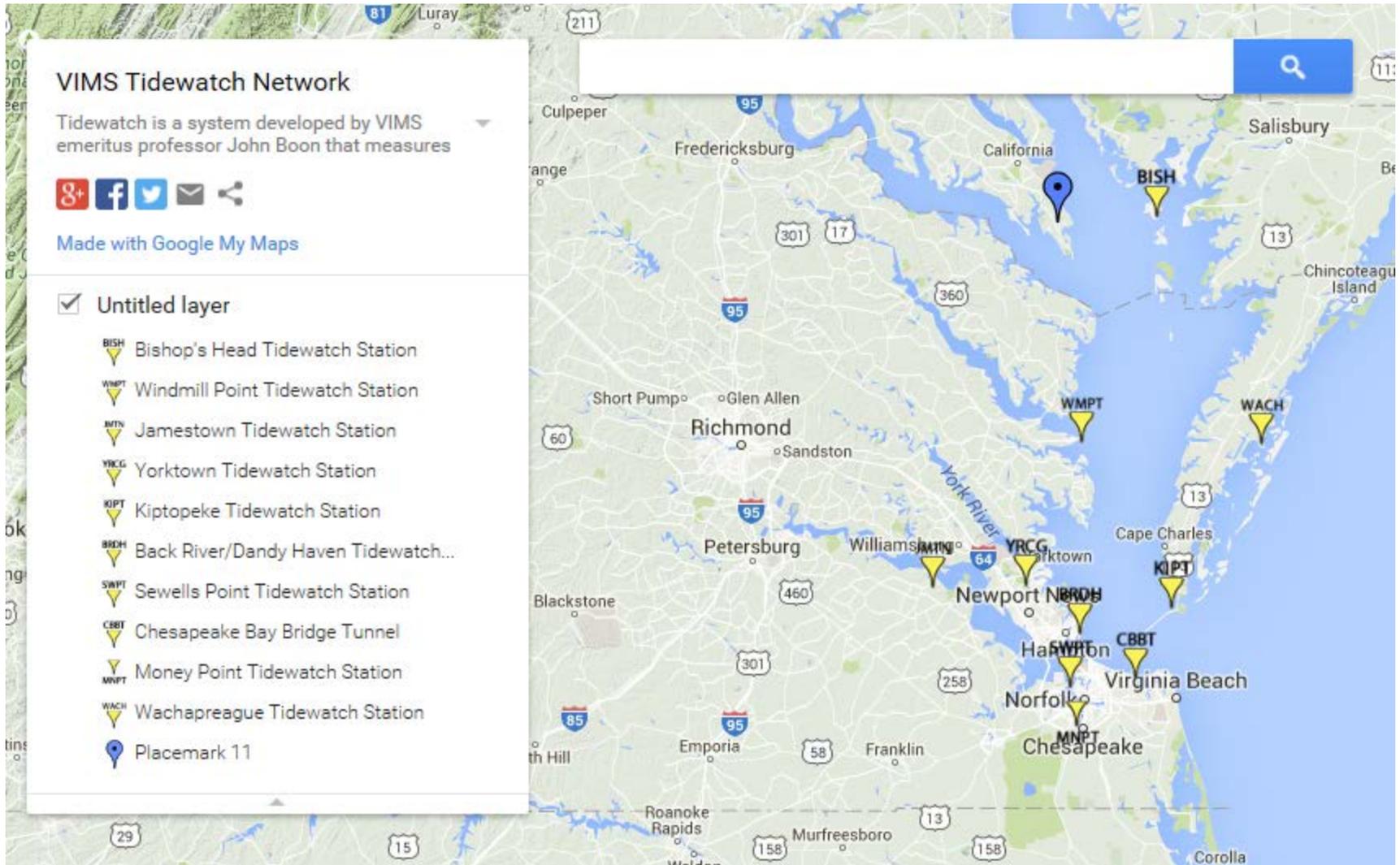
Clear Graphics River System Pie Charts Information/Help Find Address Measure Swipe Tool Select print layout



Map Contents and Legend

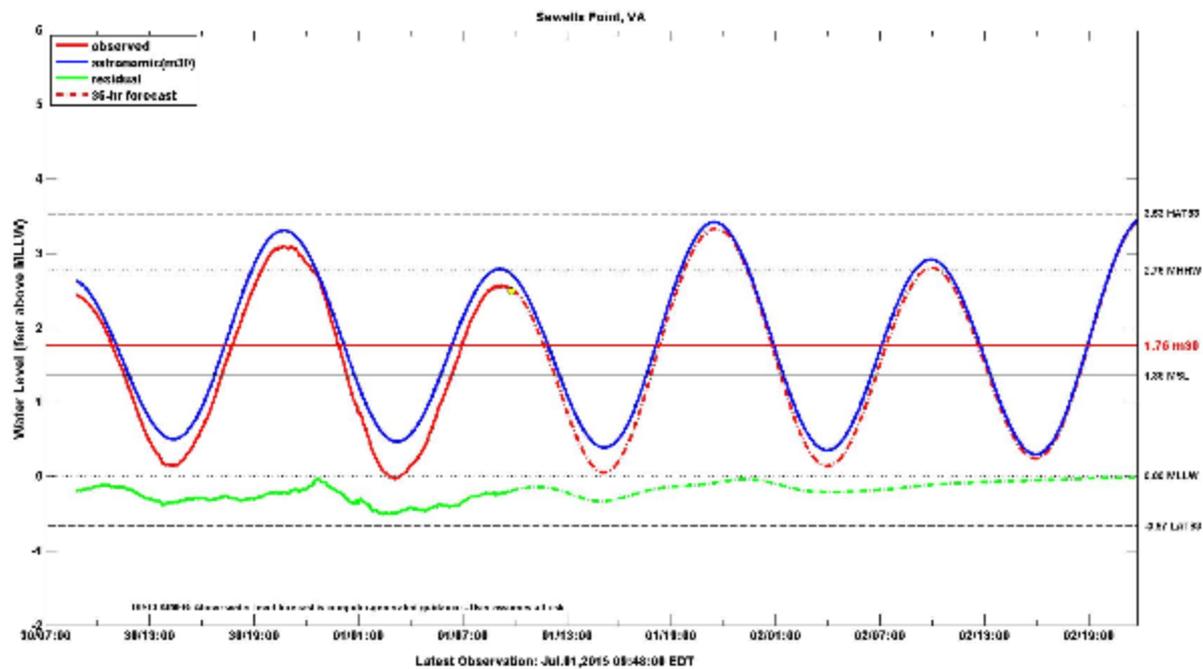
- Riparian Tree Hinge
 - River Systems
 - Preferred Shoreline Best Management Practices
 - Sea Level Rise "High" Scenario
 - 2012
 - 2100
 - Shoreline
 - Hydrology
 - Intertidal Flats
 - SAV/2012
- Legend:
- Sea Level Rise "High" Scenario**
 - Current water level
 - Inundation area
 - Shoreline Condition Layers**
 - Poquoson Jurisdiction Boundary**
 - Jurisdiction Boundary

<http://www.vims.edu/bayinfo/tidewatch/index.php>



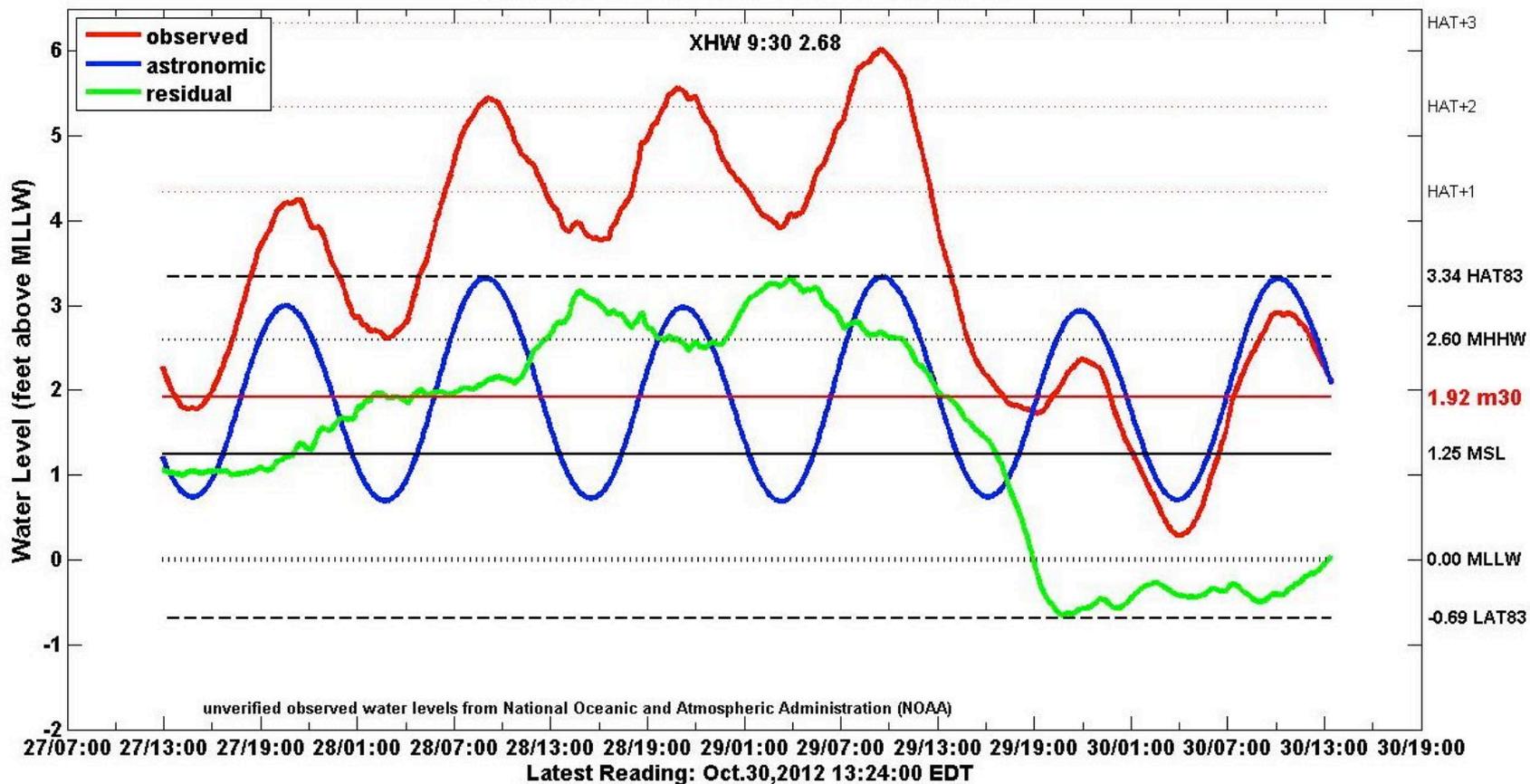
Extratidal Water Level: 36-Hour Forecast

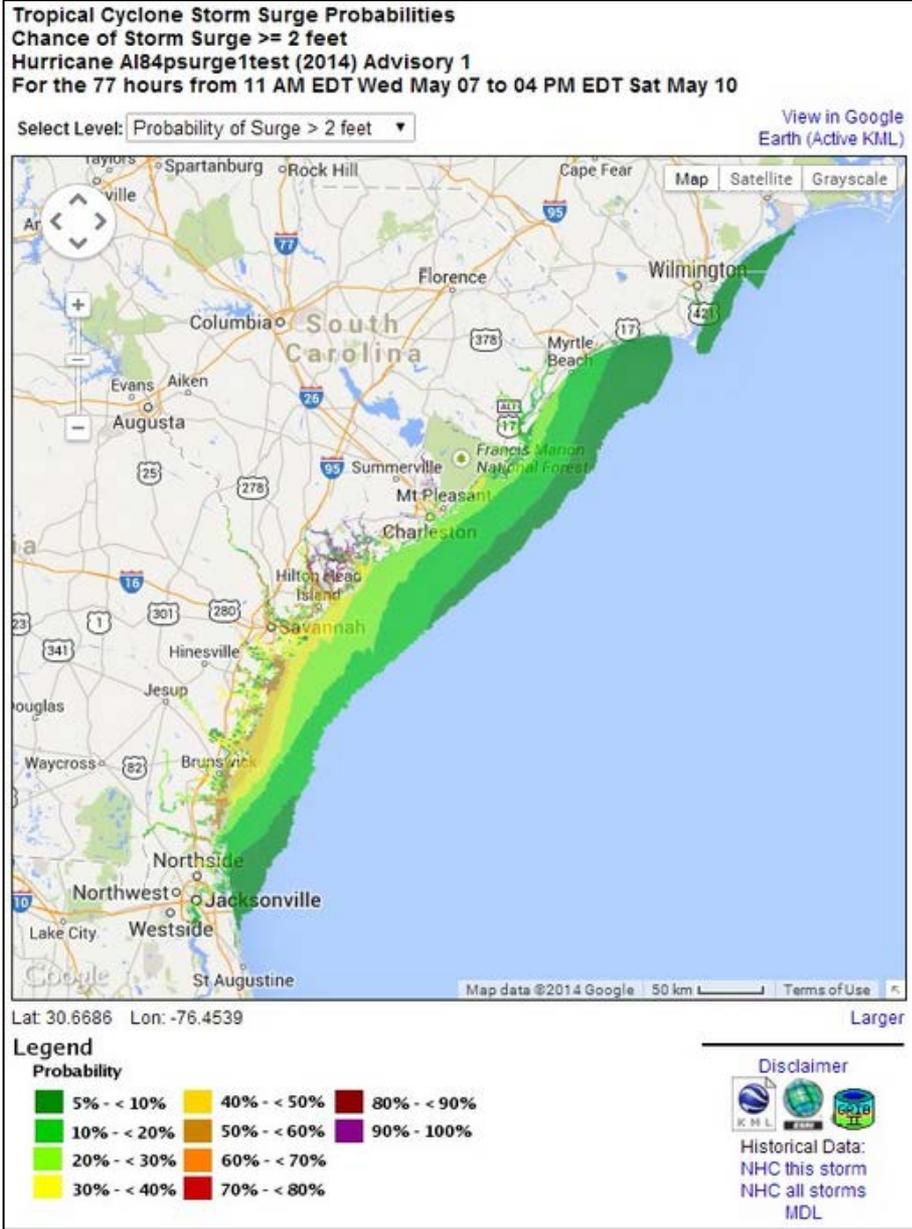
Sewells Point, VA (SWPT)



Other Intervals: [Last 30 days](#) | [Last 3 days](#) | [Last 30 days of Last 3 days](#) | 36-hour Forecast

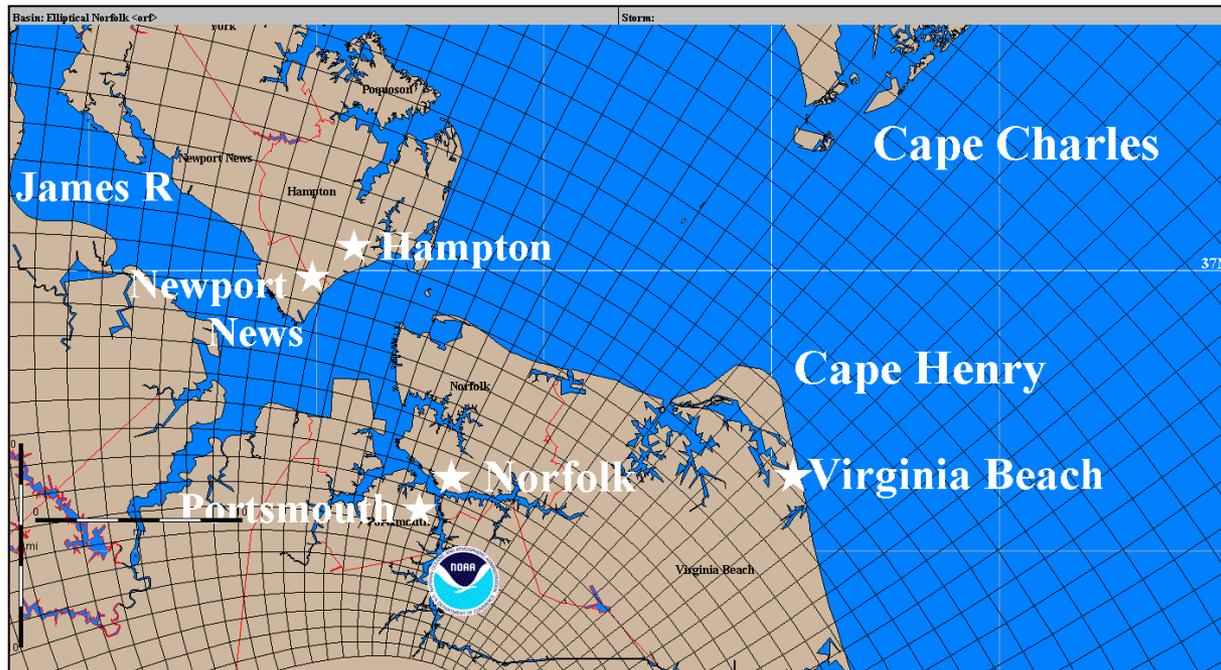
Yorktown, Coast Guard Training Center, VA



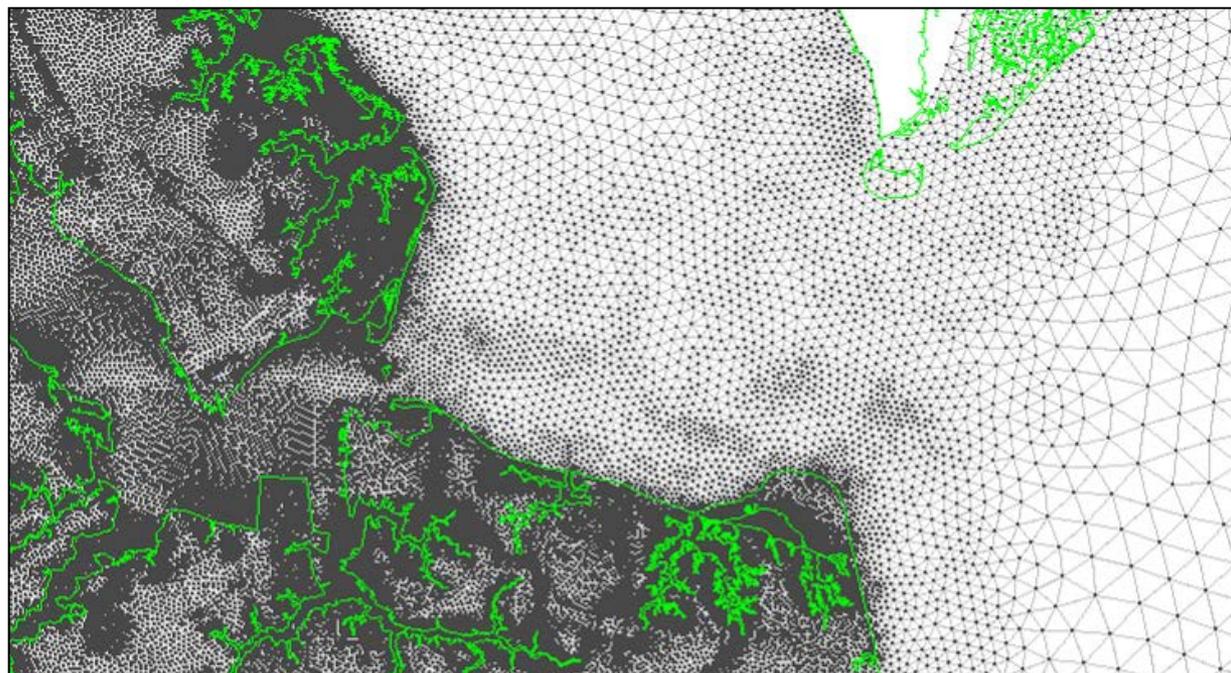


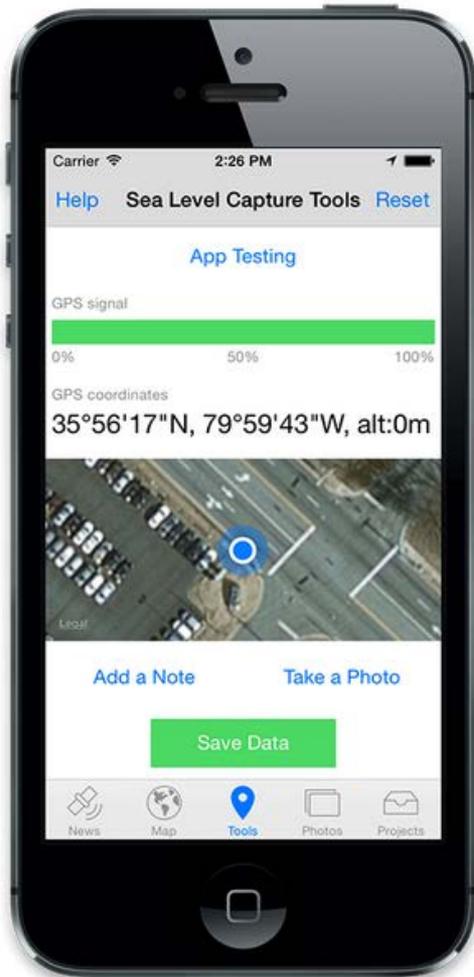
Sea, Lake, and Overland Surges from Hurricanes (SLOSH)

SLOSH Model Grid



VIMS Model Grid





Sea Level Rise
By Conursive
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<https://itunes.apple.com/us/app/sea-level-rise/id890125312?ls=1&mt=8>