

Emergency Response Demonstration Project – 2012 Post Hurricane Sandy (Rodanthe) User Guide for Mobile Device

Scenario:	Hurricane Sandy has made landfall and there has been reported damage to NC 12 around the Rodanthe.
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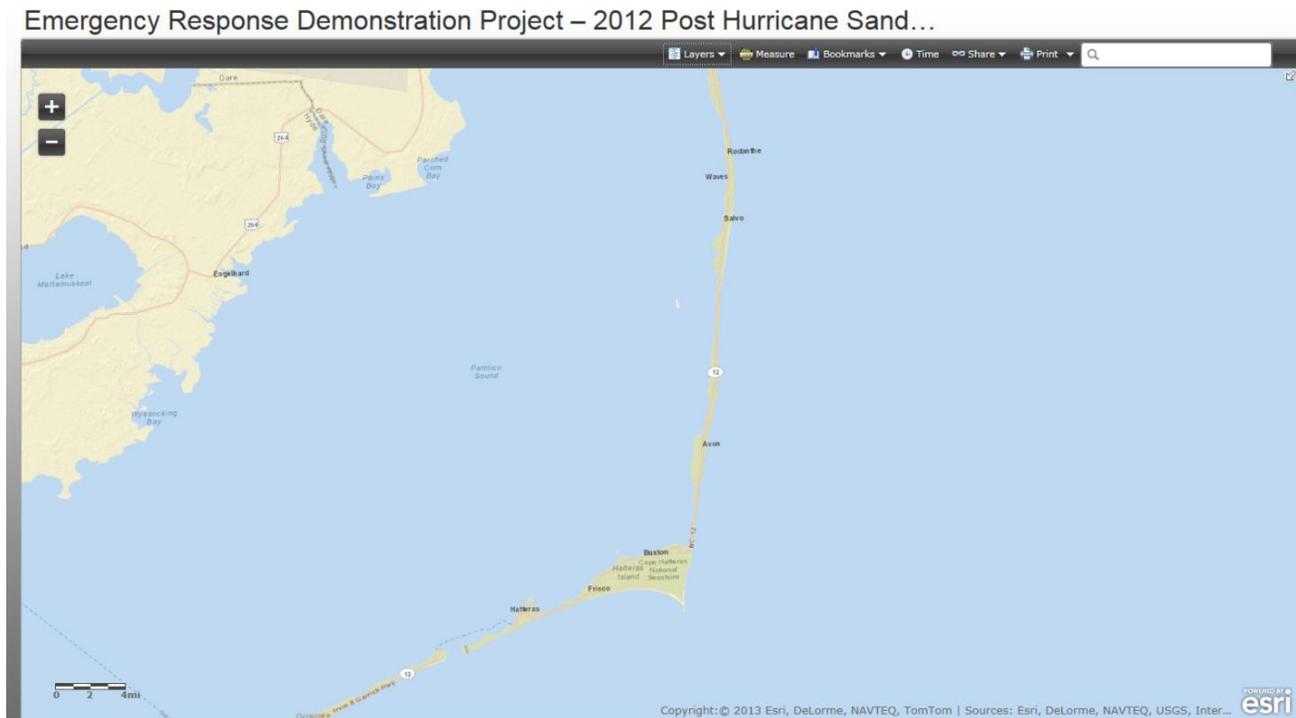
Table of Contents

Open Emergency Response Demonstration Project -2012 Post Sandy (Rodanthe)	2
Turn off the “ESRI Street Map”	2
Locate the area of Interest	3
Using Place Names in the search tool	3
Moving Around the Map	3
Using the Plus/Minus to Zoom	3
Panning around the Imagery	3
Viewing Imagery from Different Dates	4
Using the Measurement Tool	5
Measuring an Area	5
Measuring a Distance	6
PGI Anomalies Examples	7
PGI Anomaly 1.....	7
PGI Anomaly 2.....	7
PGI Anomaly 3.....	7

Open Emergency Response Demonstration Project -2012 Post Sandy (Rodanthe)

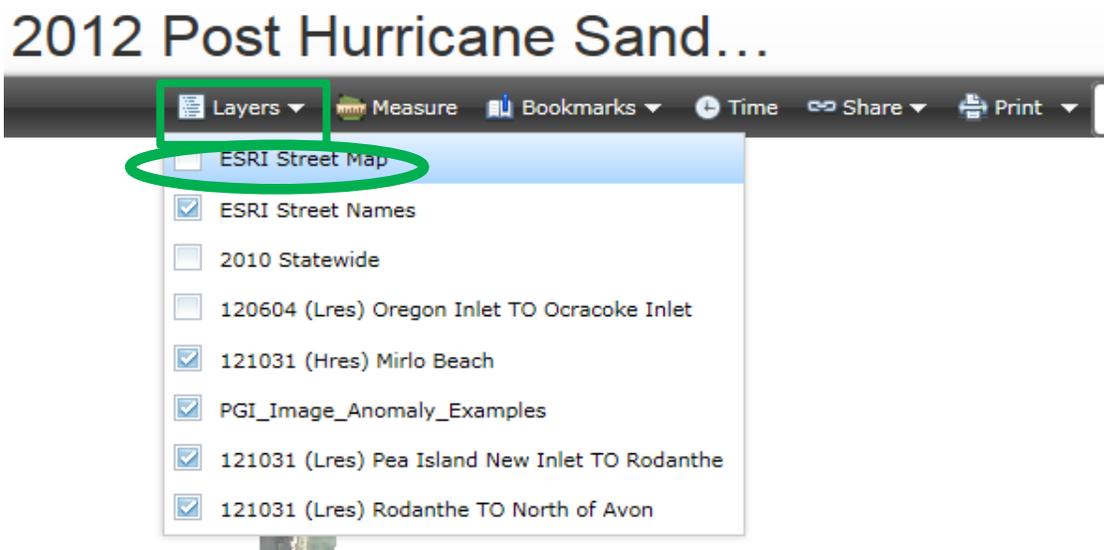
👉 Tap on the provided link

<http://ncdot.maps.arcgis.com/apps/OnePane/basicviewer/index.html?appid=289b4e387f464d5bb787e94fd83c9beb>



Turn off the “ESRI Street Map”

- 👉 Activate the feature layer pull-down list by tapping once on “Layers” icon
- 👉 Tap on the Check Box to uncheck the “ESRI Street Map” feature layer

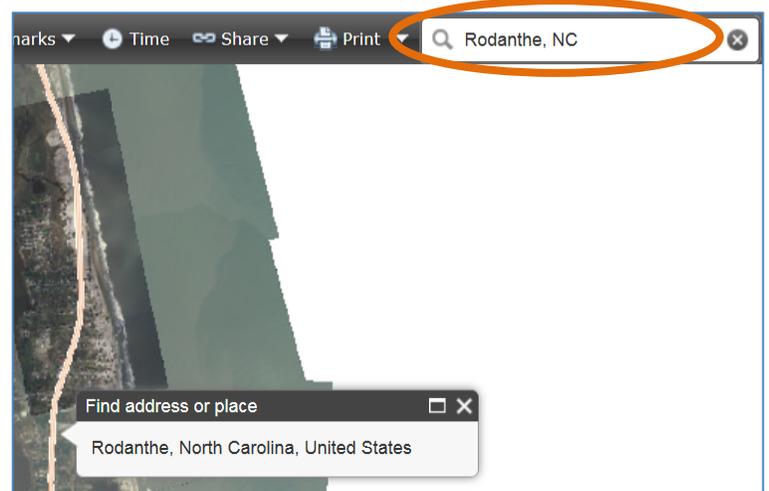


Locate the area of Interest

Using Place Names in the search tool

- 👉 **Activate the Search tool by tapping once in the search Box.**
- 👉 **Type the name of a city that is closest to the Area of Interest**
- 👉 **Hit “Enter” on the keypad**

- **For this exercise Type “Rodanthe, NC”**



Note: Always include “NC” when searching by a city name

Moving Around the Map

Using the Plus/Minus to Zoom

- 👉 **Plus to zoom in closer**
- 👉 **Minus to zoom out farther**

Note: If using a tablet, user can zoom in and out with fingers. This is not recommended if viewing the imagery on a phone.

Panning around the Imagery

- 👉 **Use one finger to drag the imagery in the opposite direction the user wishes to move**
- ❖ **Pan North- Slide imagery down**
- ❖ **Pan South- Slide imagery up**
- ❖ **Pan East- Slide imagery to the Left**
- ❖ **Pan West- Slide imagery to the right**

Zoomed In



Zoomed Out



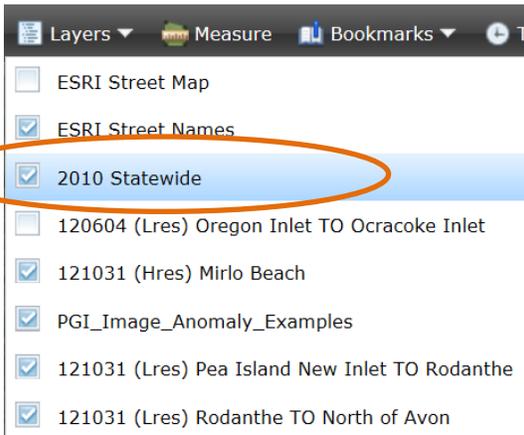
Viewing Imagery from Different Dates

- 👉 **Locate area of interest**
- 👉 **Zoom to desired level**
- 👉 **Toggle applicable imagery located in feature layer pull-down list**

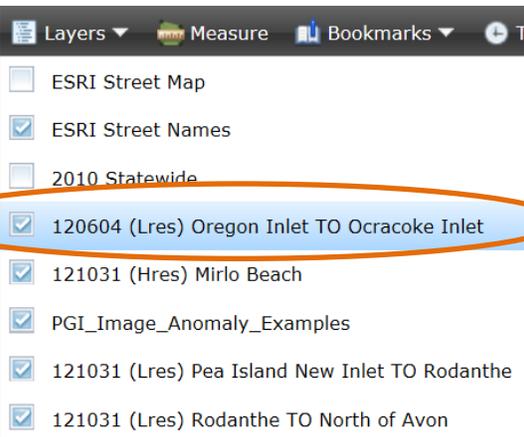
- For this exercise – Either check the “2010 Statewide” or the “120604 (Lres) Oregon Inlet to Ocracoke Inlet” imagery. Uncheck both boxes to see the newest Imagery

Note: To toggle back and forth between the imagery, just check and uncheck the applicable imagery source in the Layer list.

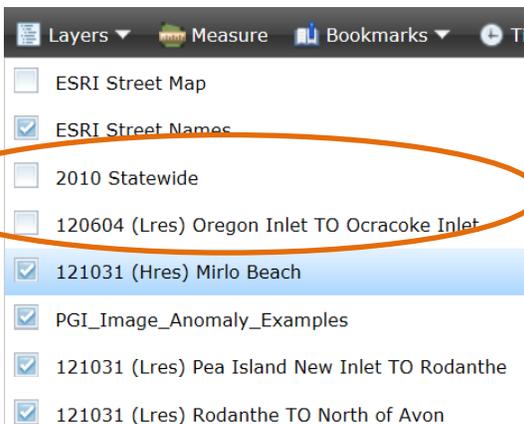
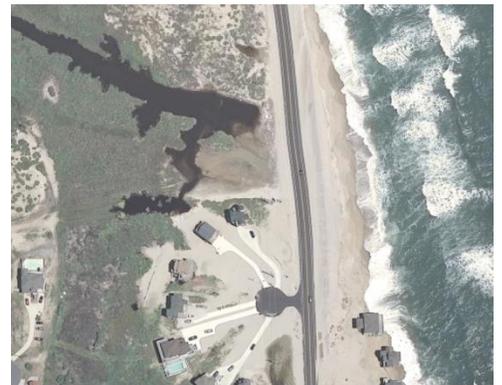
Important Note: Features are displayed in the map based upon the order they are listed in the Layers’ list. The top most listed feature that has a check mark will be displayed on top of all the other features.



NC12 taken in 2010



NC12 taken on June 6, 2012



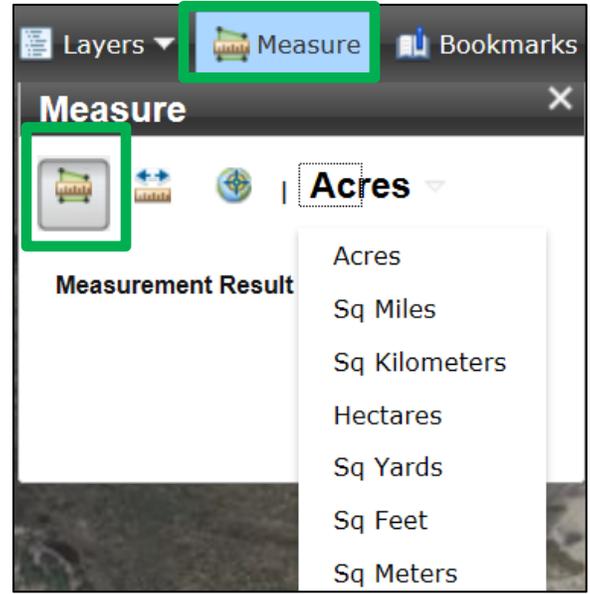
NC12 taken on Oct. 31, 2012



Using the Measurement Tool

Measuring an Area¹

- 👉 **Activate the measure details box by tapping on the “Measure” icon located at the top of the display (Single Tap)**
- 👉 **Select the “Area” tool (Single Tap)**
- 👉 **Select the appropriate units (Single Tap)**



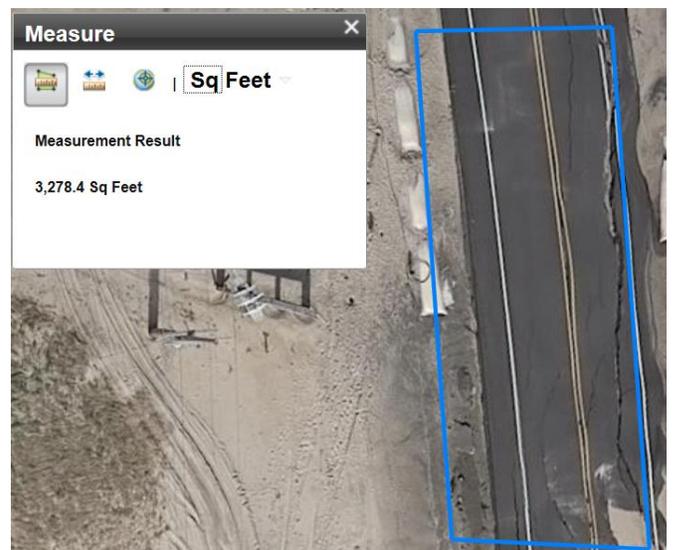
- 👉 **Draw a polygon (Single Taps)**
 - *Data on points around area to make polygon*
 - *Must have at least 2 points to see the polygon forming*
 - *User should pause for a second before placing next data points to allow the app to process*



- 👉 **Close polygon (Double Tap)**
 - *This will display the results*

Note: The polygon shape will disappear after the Measure Detail Box is closed

Note: To close the Measure Detail Box, tap on the “Measure” icon at the top of the display.



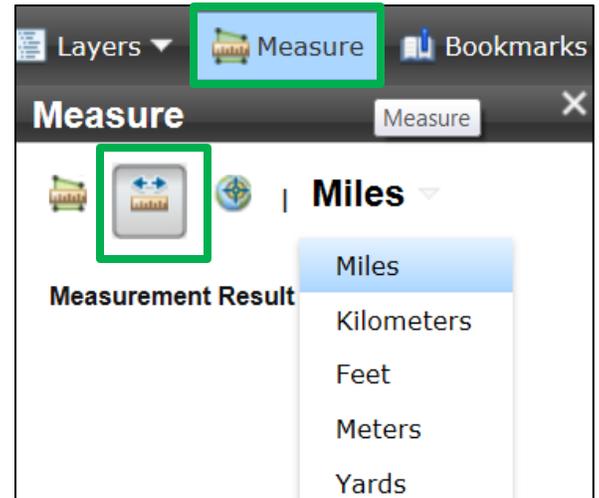
¹ Actions of tool may vary depending on User’s browser

Measuring a Distance²

👉 **Activate the measure details box by tapping on the “Measure” icon located at the top of the display (Single Tap)**

👉 **Select the “Length” tool (Single Tap)**

👉 **Select the appropriate units (Single Tap)**



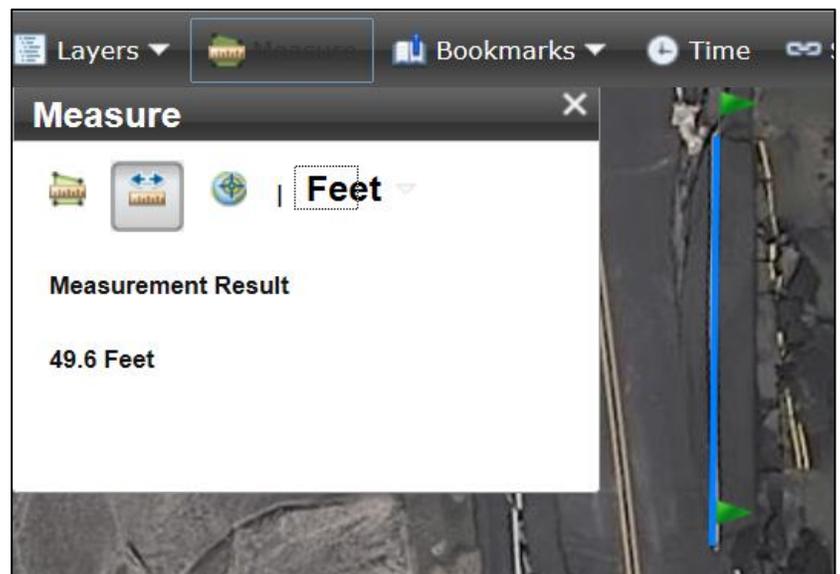
👉 **Select Starting point (Single Tap)**

- *User should pause for a second before placing next data points to allow the app to process*

Note: A little green flag will appear at the location of each data point

👉 **Select Ending Point (Double Tap)**

- *This will display the results*



Note: Additional segments can be added by selecting more data points before double tapping the ending point.

Note: To close the Measure Detail Box, tap on the “Measure” icon at the top of the display.

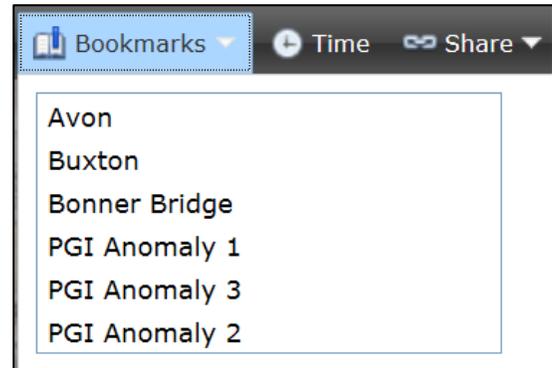
² Actions of tool may vary depending on User’s browser

PGI Anomalies Examples

The following are some examples of possible Preliminary Georeferenced Image (PGI) anomalies.

Important Note: The image anomaly layer is only to demonstrate the issues with the PGI and would not be part of the standard delivery. The FGI would replace the PGI at a later time transparently to the end users. The PGI is available 2-3 times earlier than the FGI.

- 👉 **Activate the “Bookmark” icon**
- 👉 **Select a Bookmark (Single Tap)**



For this exercise: Select “PGI Anomaly 1”

PGI Anomaly 1

Road is offset due to displacement between imagery



- **For this exercise: Select “PGI Anomaly 2”**

PGI Anomaly 2

Building is offset due to placement of automatic ESRI Seamlines resulting in two different perspectives



- **For this exercise: Select “PGI Anomaly 3”**

PGI Anomaly 3

Buildings are offset due to alignment layout of different flight strips resulting in two different perspectives

