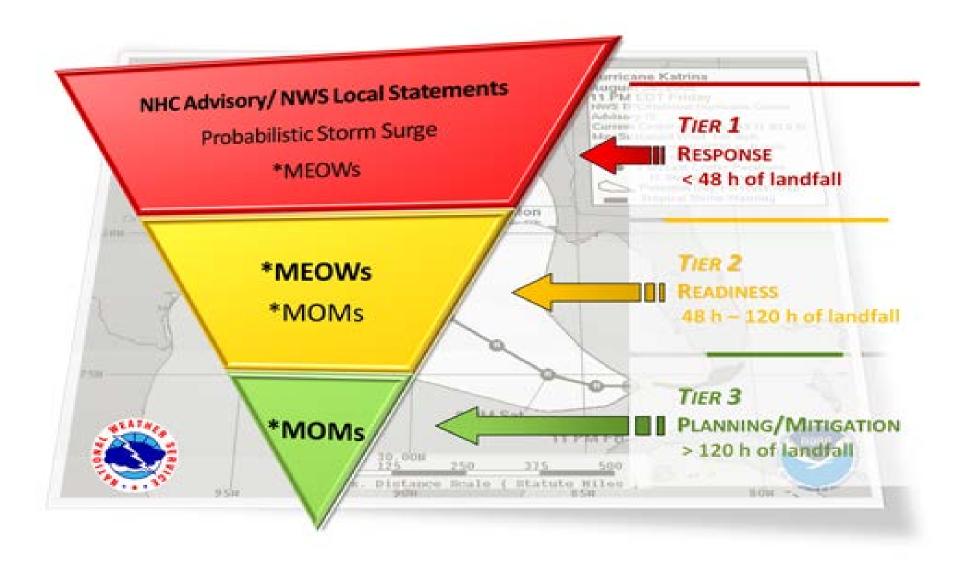
Evacuation Discussion

Andrew.Sussman@em.myflorida.com 850 528 7516

	Evacuation	Evacuation	Evacuation	Evacuation	Evacuation	
	Level A	Level B	Level C	Level D	Level E	
	Scenario	Scenario	Scenario	Scenario	Scenario	
Clearance Time to Shelter						
_ ~	13.5	18.5	25.5	50.0	62.0	
	13.0	19.0	38.5	45.5	66.5 12.0 55.5	
,	11.5	11.5	11.5	11.5		
	13.5	16.0	31.5	39.5		
	13.0	19.0	42.0	48.0	63.0	
	13.0	19.5	30.5	40.5	65.5	
In-County Clears	nce Time					
	15.0	26.5	45.0	52.0	70.5	
<u> </u>	14.0	19.0	39.0	46.0	68.5	
	13.0	13.0	13.0	13.0	13.5	
	14.0		43.5	52.0	66.0	
. :]			43.5	52.5	66.0	
<u> </u>	15.5	27.0	45.0	52.5	69.5	
Out of County Cl	earance Time					
	15.0	26.5	45.0	52.0	70.5	
	14.5	19.5	44.5	46.0	69.0	
	15.5	24.0	45.0	62.5	89.5	
_	14.5	24.0	44.5	53.5	71.0	
_	14.0		43.5	52.5	66.0	
	15.5	27.0	45.0	52.5	69.5	
Regional Clearan	ce Time					
-	15.5	27.0	45.0	62.5	89.5	

Andrew Cat 5 Sandy Cat 1 Charley Cat 4



Category 3



Valdosta

Storm Surge Inundation (SL... ×

ksonville

File Edit View Favorites Tools Help

Storm Surge Inundation (SLOSH Maximum of Maximums)

This web map displays a seamless national map of near worst case storm surge flooding (inundation) scenarios using the National Weather Service (NWS) SLOSH model maxir categories at a high tide

Alban

Tallahassee

Dothan

Category 4

Category 5 Storm Surge Inundation (SLOSH Maximum of Maximums)

Category 2

Category 1

With this education and awareness tool, anyone living in hurricane-prone coastal areas along the U.S. East and Gulf Coasts can now evaluate their own unique risk to storm surge. This map makes it clear that storm surge is not just a beachfront problem, with the risk of storm surge extending several miles from the immediate coastline in some areas. "You don't have to think very hard about it, just look at your location on the national map to find out if you are in an area at risk for storm surge from a future tropical storm or hurricane", said Brian Zachry, Ph.D., NHC storm surge specialist.

What should individuals do if they discover that they live in an area vulnerable to storm surge? "You should find out today if you live in a hurricane storm surge

LEGEND

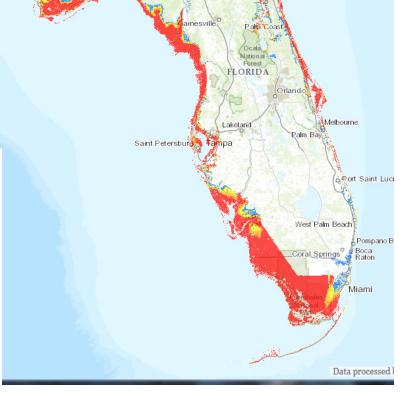
Category 5 (SLOSH MOMs) Storm Surge Inundation

Table 3

Potential Storm Tide Height(s) ** by County

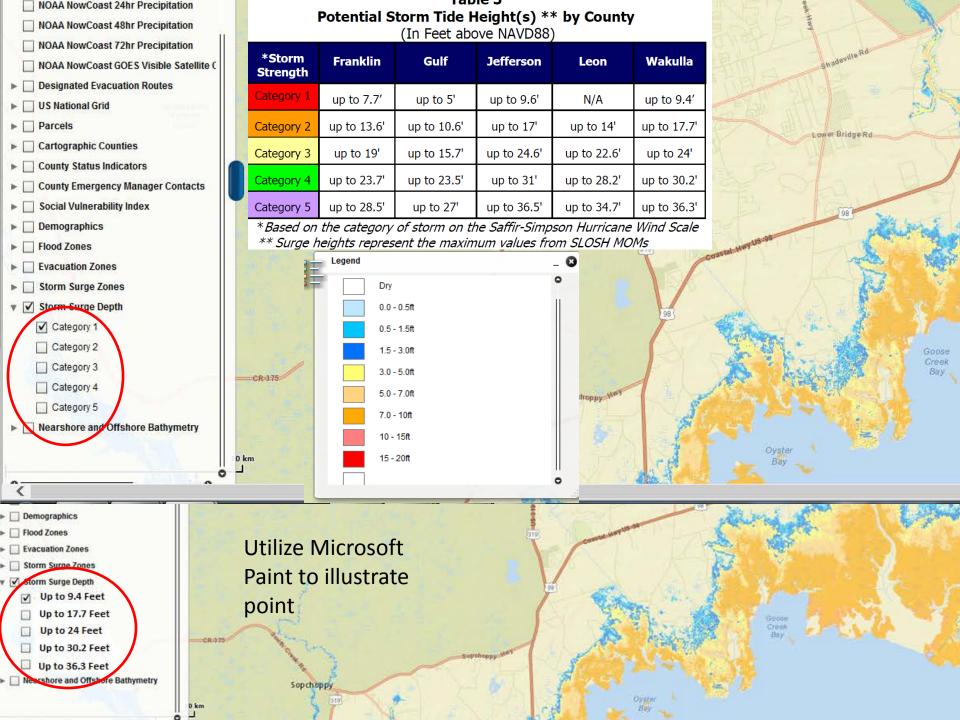
(In Feet above NAVD88)

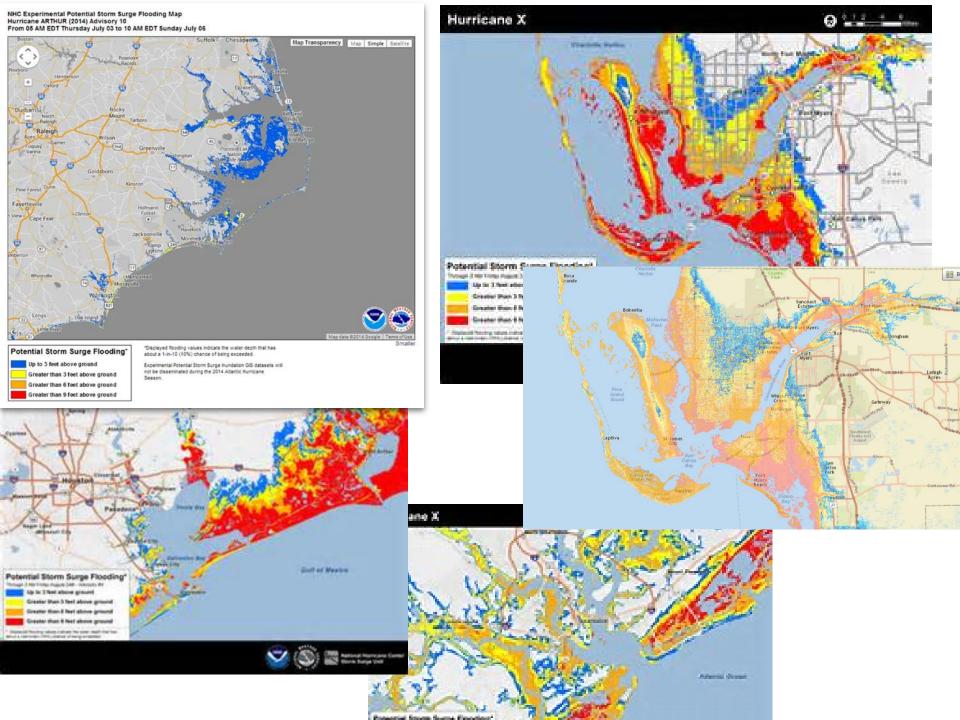
*Storm Franklin Gulf Jefferson Wakulla Leon Strength Category 1 up to 7.7' up to 5' up to 9.6' N/A up to 9.4' up to 13.6' up to 10.6' Category 2 up to 17' up to 14' up to 17.7' Category 3 up to 19' up to 15.7' up to 24.6' up to 22.6' up to 24' Category 4 up to 23.7' up to 23.5' up to 31' up to 28.2' up to 30.2' Category 5 up to 28.5' up to 27' up to 36.5' up to 34.7' up to 36.3'



^{*}Based on the category of storm on the Saffir-Simpson Hurricane Wind Scale

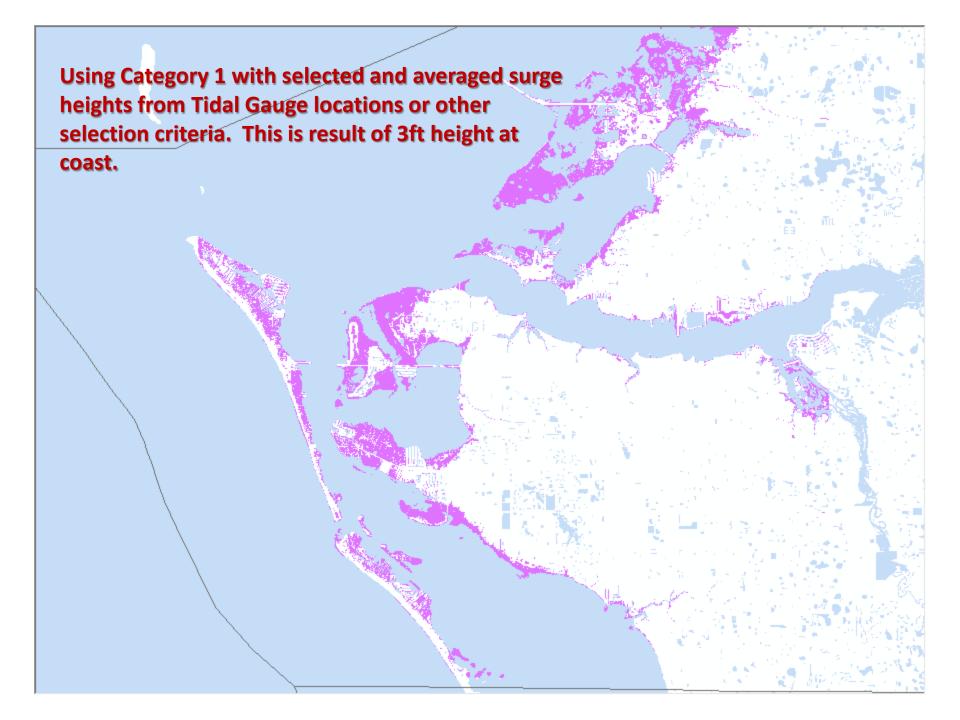
^{**} Surge heights represent the maximum values from SLOSH MOMs

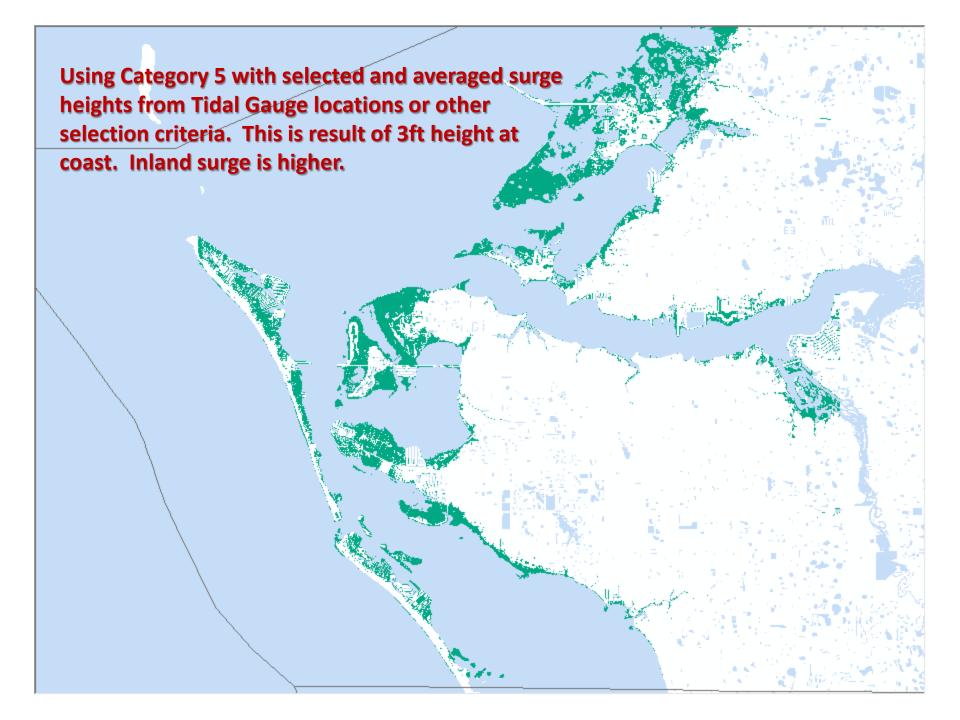




Proposal

- Storm Surge Depth Maps in similar to the NHC Storm Surge Flooding Graphic.
 - 3ft, 6ft, 9ft, 12ft, 15ft, 20ft, highest storm surge estimate up to 42ft where applicable.
 - Smaller increments below 3 feet.
 - Would line up with a depth levels of the NHC Storm Surge Flooding Graphic.
- Still have all storm scenarios from SLOSH, but not in MOM or Cluster MEOWS.
- 7 maps at most instead of 15-25.





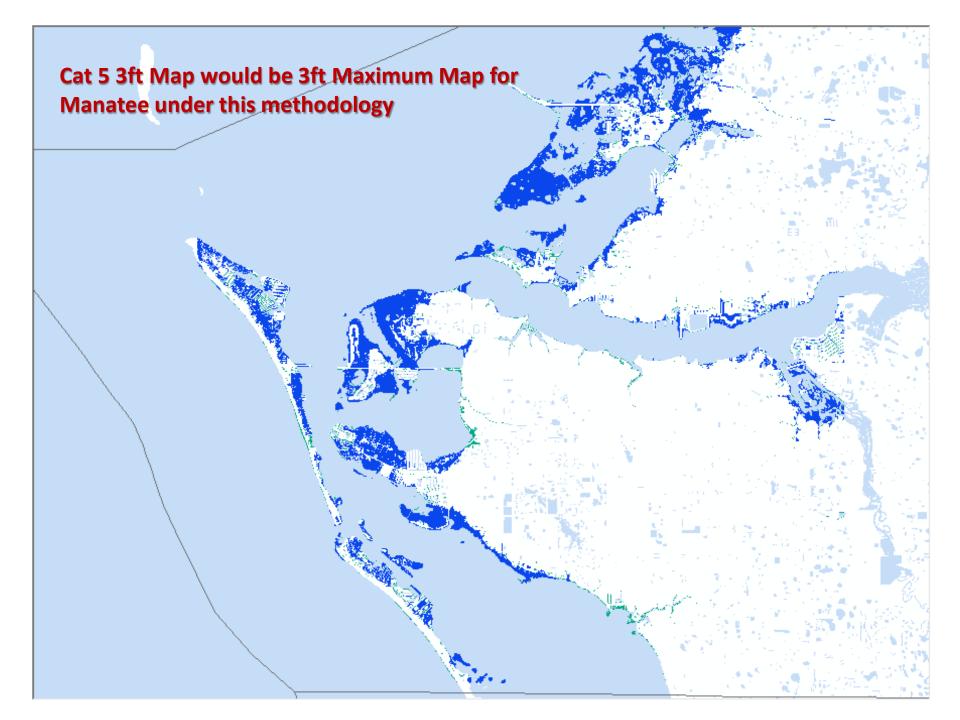


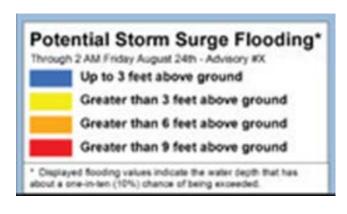
Table 3 Potential Storm Tide Height(s) ** by County

(In Feet above NAVD88)

*Storm Strength	Franklin	Gulf	Jefferson	Leon	Wakulla
Category 1	up to 7.7'	up to 5'	up to 9.6'	N/A	up to 9.4'
Category 2	up to 13.6'	up to 10.6'	up to 17'	up to 14'	up to 17.7'
Category 3	up to 19'	up to 15.7'	up to 24.6'	up to 22.6'	up to 24'
Category 4	up to 23.7'	up to 23.5'	up to 31'	up to 28.2'	up to 30.2'
Category 5	up to 28.5'	up to 27'	up to 36.5'	up to 34.7'	up to 36.3'

^{*}Based on the category of storm on the Saffir-Simpson Hurricane Wind Scale ** Surge heights represent the maximum values from SLOSH MOMs

- Example: Gulf County
 - 3ft Map
 - 6 Ft Map
 - 9 Ft Map
 - 12 Ft Map
 - 15 Ft Map
 - 20 Ft Map
 - 27 Ft Map



Dry Up to 1ft 1ft to 2ft 2ft to 3ft 3ft to 6ft 6ft to 9ft 9ft to 12ft 12ft to 15ft 15ft to 20ft

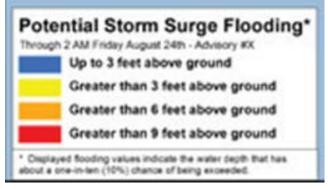
20ft to 42ft

Table 3 Potential Storm Tide Height (s) by County

(In Feet above NAVD88)

*Storm Strength	Palm Beach (Coast)	Palm Beach (Lake)	Martin (Coast)	Martin (Lake)	St. Lucie	Indian River	
Category 1	Up to 4'	Up to 24'	Up to 4'	Up to 26'	Up to 5'	Up to 4'	
Category 2	Up to 6'	Up to 28'	Up to 6'	Up to 27'	Up to 7'	Up to 7'	Do
Category 3	Up to 8'	Up to 32'	Up to 10'	Up to 30'	Up to 10'	Up to 11'	Dry
category							Up to 1ft
Category 4	Up to 12'	Up to 36'	Up to 13'	Up to 31'	Up to 14'	Up to 14'	1ft to 2ft
Category 5	Up to 14'	Up to 38'	Up to 16'	Up to 32'	Up to 16'	Up to 18'	2ft to 3ft
							3ft to 6ft
		•	each County				6ft to 9ft
		3ft Map 6 Ft Map	Po	otential Sto	rm Surge F	looding*	9ft to 12ft

- 6 Ft IVIAP
- 9 Ft Map
- 12 Ft Map
- 14 Ft Map



9ft to 12ft 12ft to 15ft

15ft to 20ft

20ft to 42ft

Maximum Storm Surge Flooding

 We will make this only if atleast 12-15 counties ask for it!!!!

 For those affected by new Superbasin, will receive a new Volume 7 Storm Tide Height and 9 Storm Tide Depth Atlas

Will send out an email with this information.

TIME Software 2015

- A true user manual
 - (details installation, use and troubleshooting)
- Enhanced Interface
 - Shelter Rate Override
 - Improved Summary Reports
 - Evacuation Zone Check box- allows for phasing evacuations zones within a county .
 - Directional Evacuation Selection

Installation and Tutorial of TIME

Table II-1. Minimum Hardware Requirements

CPU Processor	Single-Core (i.e. Intel Pentium 4); or				
CPU Processor	Hyperthreading/Multi-Core (i.e. Intel Core 2 Duo, Xeons, i3, i5, i7)				
CPU Speed	Single-Core - Minimum 2.8 GHz; or				
	Hyperthreading/Multi-Core - Minimum 2.2 GHz				
RAM	4 GB or above				
Disk Space	Hard Drive Minimum: 150 GB (7200				
	RPM) ¹				
	64 MB RAM minimum, 256 MB RAM or higher recommended for				
Video/Graphics Adapter	separate graphics cards. Onboard chipsets by makers such as				
	NVIDIA, ATI and INTEL should work as well.				

- No ARCGIS software on machine.
- Need Administrative Privileges to install software.
- Environmental Variables set to C:\Temp
 - May be different to prevent Kryptolocker virus.

Installation and Tutorial

- I will come to your EOC to personally install and walk you or staff through software.
 - Laptop user meet at EOCs where being installed on larger machine?

 Coordinate with Regional Coordinators and RPCs to determine best dates/times.

Not a course. No PowerPoints....just using the TIME software.