



PERSONAL PREPAREDNESS

Are you a Survivor?



Richard A. Halquist, FPEM
EMERGENCY
OPERATIONS MANAGER






OSCEOLA COUNTY
OFFICE OF EMERGENCY MANAGEMENT


PERSONAL PREPAREDNESS


- Know the hazards around you
- Make a plan
- Stay informed
- Take action

Are you a Survivor?

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OSCEOLA COUNTY
OFFICE OF EMERGENCY MANAGEMENT

**CAN YOU GUESS WHAT'S SO SPECIAL
ABOUT THIS RADIO?**

? ? ?



Civil Defense Receiver



1962 Ford Falcon AM Radio
640 kHz & 1240 kHz AM Radio

In the Home Civil Defense Receiver



1968 Sears Silvertone Hi Fi
640 kHz & 1240 kHz AM Radio

Sign up Today

<http://alertosceola.org>

In an Emergency – Stay Informed

WHAT IS EMERGENCY MANAGEMENT?

➤ **Mission Statement:**

Reduce the loss of life and property and protect the people of Osceola County through a comprehensive, **all hazards** emergency management system of **preparedness, protection, response, recovery, and mitigation.**

➤ **Vision:**

A safer future through effective programs,
partnerships and an engaged community
committed to saving lives and reducing the impact
of disasters.

EMERGENCY MANAGEMENT

➤ Osceola County Emergency Management

- Staff of Six (6) – “A team of thousands!”

➤ Stephen Watts, CEM – Director

- Richard Halquist, FPEM – Operations Manager

➤ Daniel Tohorton, FPEM – EM Officer

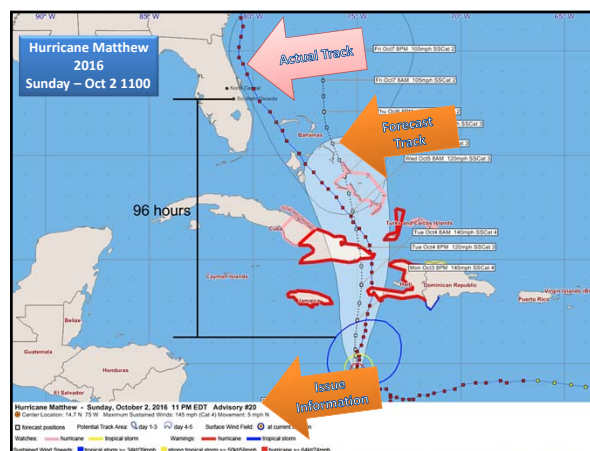
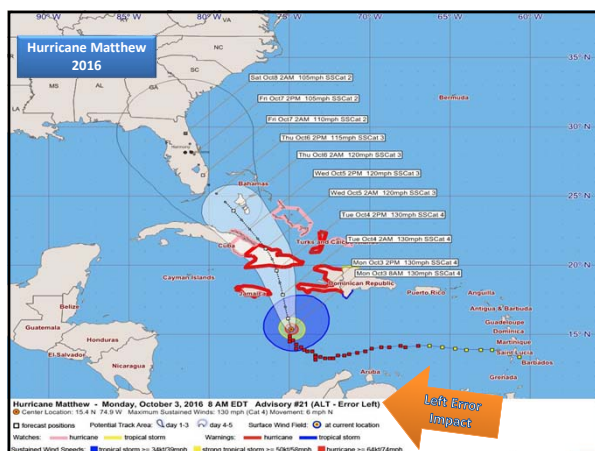
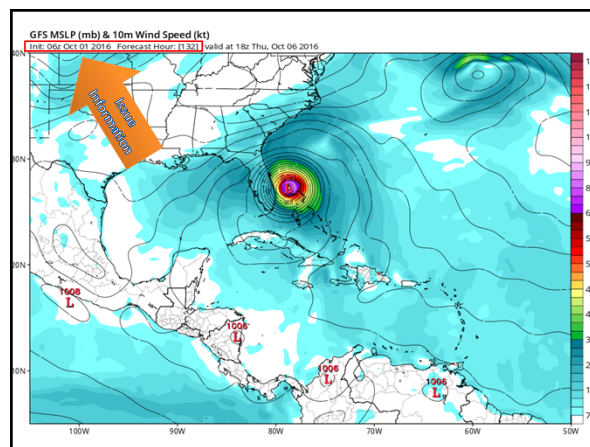
➤ Ursula Evans, FPEM – EM Officer

- Frankie Lumm, EM Planner

➤ Belinda Ortiz, EM Admin Assistant

Statutorily responsible authority during and after disaster FS 252.38
Local Ordinance #11-16

MATTHEW



HAZUS MODEL INFORMATION

Building Stock Damage

- Hazus estimates that about 2,041 buildings will be at least moderately damaged
- There are an estimated **66 buildings** that will be **completely destroyed**.
- Table 2 demonstrates damage distribution by Occupancy

Table 2

Occupancy	None		Minor		Moderate		Severe		Destruction	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	312	63.31	100	20.30	48	9.94	27	5.49	5	1.06
Commercial	1,517	86.92	172	9.83	51	2.91	6	0.32	0	0.01
Education	83	86.06	10	10.41	3	3.05	0	0.49	0	0.00
Government	260	84.42	33	10.83	12	3.89	3	0.87	0	0.00
Industrial	294	86.32	36	10.57	0	2.82	1	0.29	0	0.00
Religious	167	87.19	20	10.32	4	2.19	1	0.30	0	0.00
Residential	80,762	87.26	9,925	10.72	1,708	1.84	102	0.11	61	0.07
Total	83,397		16,296		1,836		139		66	

HAZUS MODEL INFORMATION

Total Property Damage Losses

- The total property damage losses were **\$475 million** dollars
- 4% related to the business interruption of the region
- Residential occupancies made up over 93% of the total loss

(Thousands of dollars)

Category	Area	Residential	Commercial	Industrial	Others	Total
Property Damage						
	Building	327,000.91	8,013.42	351.96	12,088.95	347,456.23
	Content	77,513.89	1,422.41	47.35	2,497.37	81,081.01
	Inventory	0.00	123.07	60.78	263.62	447.47
	Subtotal	404,514.79	9,558.89	660.08	14,850.95	429,584.72
Business Interruption Loss						
	Income	50.16	538.98	25.11	562.46	1,176.71
	Recreation	14,908.97	1,452.84	286.89	2,182.80	18,830.43
	Service	20,799.44	737.64	31.21	211.76	22,769.99
	Wages	110.24	776.65	40.80	2,987.64	3,955.33
	Subtotal	36,869.82	3,686.11	388.15	5,944.40	43,888.49
Total						
	Total	439,384.61	13,265.00	848.23	20,795.35	474,293.19

HAZUS MODEL INFORMATION

Essential Facility Inventory

- 5 hospitals in the region with a total bed capacity of 1,284* beds
- 71 schools**
- 22 fire stations
- 8 law enforcement facilities
- 2 emergency operation facilities.

Essential Facility Damage

- 384 hospital beds available immediately after Katie
- 100.00% of the beds will be in service after one week

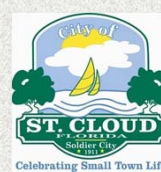
*Inflated

**In the dataset

Classification	Total	Probability of at Least Moderate Damage > 50%	Probability of Complete Damage > 50%	Expected Loss of life < 1 day
EOCs	2	0	0	2
Fire Stations	22	0	0	22
Hospitals	5	4	0	2
Police Stations	9	0	0	9
Schools	71	3	0	21

HAZARDS

What are some of the hazards that threaten Osceola County?



Alert!
OSCEOLA

[illegible]

HURRICANE SEASON OUTLOOK

Forecast Parameter	Issue Date 6 April 2017
Named Storms (NS) (12.0)	11
Hurricanes (H) (6.5)	4
Major Hurricanes (MH) (2.0)	2

11 - 4 - 2
... IT ONLY TAKES ONE!



<http://tropical.colostate.edu>

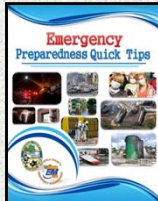
HAZARDS

- Having a plan and being prepared with emergency supplies can reduce the impact.



GET A PLAN!

- Get A Plan!
- Encourage your neighbors to get a plan.
- Exercise your plan.



GET A PLAN!

- The fastest way for a community to recover from a disaster is to be prepared.



GET A PLAN!



- Use a timeline approach
- Supply Kit
- Food & Water 5-7 days (One to three gallons per person per day)
- Personal documents (Have copies with a friend or a family member outside of impacted area)
- Tools and miscellaneous items
- Medications

Alert!
OSCEOLA



TIPS & TRICKS- BUILDING YOUR KIT

- Battery-powered/hand crank radio and a NOAA Weather Radio with tone alert
- Flashlight and extra batteries
- First aid kit
- Whistle to signal for help
- Dust mask with plastic sheeting & duct tape to shelter-in-place
- Moist towelettes, garbage bags & plastic ties for personal sanitation
- Wrench or pliers to turn off utilities
- Manual can opener for canned food
- Local maps
- Cell phone/chargers/inverter or solar charger



SAFETY

In the United States more people are killed after a storm than during the storm.

- Downed power lines
- Broken glass and nails
- **Chainsaw accidents**
- Water contamination
- Food spoilage
- Toilets don't flush and garbage piles up



SAFETY

- Always operate a generator outdoors in a well-ventilated & dry area away from air intakes to the home.



RALLY POINT

- Identify two **rally points**.
 - One immediately outside of your home
 - One outside of your neighborhood
- Just in case you cannot return home and where a family member will know to meet you.



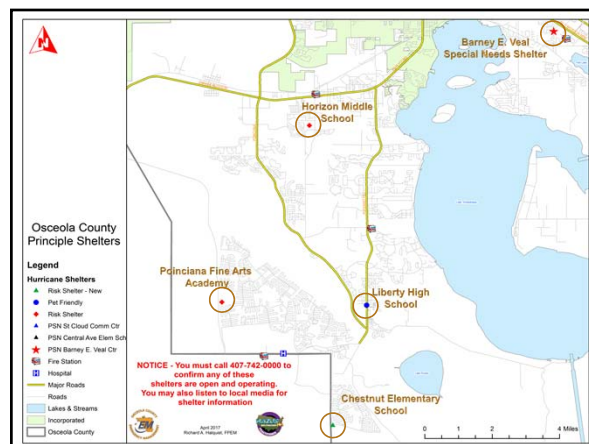
OUT OF TOWN CONTACT

- Ask an **out-of-town** friend or relative to be your contact. Family members should call this person and tell them their location after a disaster.



SHELTERS – A LAST RESORT

- Plan to evacuate only if you:
 - Live in a mobile or manufactured home
 - Live in a home that has flooded in the past
 - Evacuation order includes your area
- If you evacuate, plan to stay with a friend or family member outside the affected area.
- It is very important that residents understand that shelters are a **last choice option**.



AREA EVACUATION SHELTERS

- ✕ Liberty High: 4250 Pleasant Hill Road
- ✕ Chestnut Elementary: 4300 Chestnut Street
- ✕ Poinciana Academy: 4201 Rhododendron Ave

**YOU MUST CALL 407-742-0000
FOR AVAILABLE SHELTERS**



PET FRIENDLY SHELTERS

- Liberty High School
 - 4250 Pleasant Hill Road
- Harmony High School
 - 3601 Arthur J. Gallagher Blvd
- Kissimmee Middle School
 - 2410 Dyer Blvd



SPECIAL NEEDS SHELTERS

Register before a disaster occurs. Forms are available on <http://mysafety.osceola.org>
<http://specialneedsprogram.osceola.org>

Mail forms to Osceola County Office of
Emergency Management.

2586 Partin Settlement Rd.
Kissimmee, FL 34744
407.742.9001



NOAA WEATHER RADIO

- NOAA Weather Radio is the fastest most reliable means of receiving life-threatening weather and emergency information.
- NOAA Weather Radio cost around \$20-\$80



WATCH VS. WARNING

- A watch is issued when weather conditions are favorable for the development of tornadoes in and close to the watch area. Like a Tornado Watch...
- A warning is issued when the threat is occurring. A Tornado Warning is issued when a funnel cloud or tornado is spotted OR by radar signature.



RESOURCES

- **Have a plan**
 - www.ready.gov
 - www.floridadisaster.org
- **Get a kit**
- **Stay informed**
 - @OsceolaEOC – Twitter/facebook.com/OsceolaEOC
 - <http://mysafety.osceola.org>
 - <http://alertosceola.org>
 - <http://flood.osceola.org>
 - www.fema.gov
 - www.nhc.noaa.gov
 - www.redcross.org
 - News Outlets... **Be Cautious**



Alert!
OSCEOLA

Follow us on
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Find us on
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COMING TRAINING EVENTS

□ SKYWARN Training

Osceola County EOC
2586 Partin Settlement Rd
Kissimmee, FL 34744
June 24, 2017
Basic – 10:00AM – 12:00 Noon
Advanced – 1:00PM – 3:00PM
Register – Scott.Spratt@noaa.gov



Questions?

