



**EMERGENCY PREPAREDNESS WORKSHOP:**

# **Stay? or Go?**

**(Recognizing the Signs to know when to Evacuate)**

**Presented By: Jon Sherman**



# Disasters

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- Events may occur, that can make the environment around you unsafe.
- They can happen: to Anyone, Anytime, Anywhere
- This problem can be made worse when surrounded by those who are not prepared and look to you for help.
- Much worse is it when large numbers of people in a city are not prepared and start to suffer.



# Home

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- Stay at HOME if you can.
  - Your home is your best shelter.
  - Home has all your supplies.





# Problems in Cities

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- Cities are not self-sustaining.
- They don't have enough resources to support the population.
- Resources from other areas are needed to keep a city supplied. These include, Food, Water and Electricity.
- Cities are not self-sufficient and would run out of supplies in about a week if supplies were disrupted.



# Problems in Cities

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- 5 major risks may take place during a crisis in a city.
  1. Loss of Power
  2. Lack of Food
  3. Lack of Water
  4. Quarantine
  5. The Collapse of Social Order
- Sometimes the mere threat of one of the above is enough to cause concern or even panic.



# Evacuate

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- So....Some disasters may force you to leave your home.
- You may have plenty of notice.





# Evacuate

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Or NO time at all...





# Evacuate

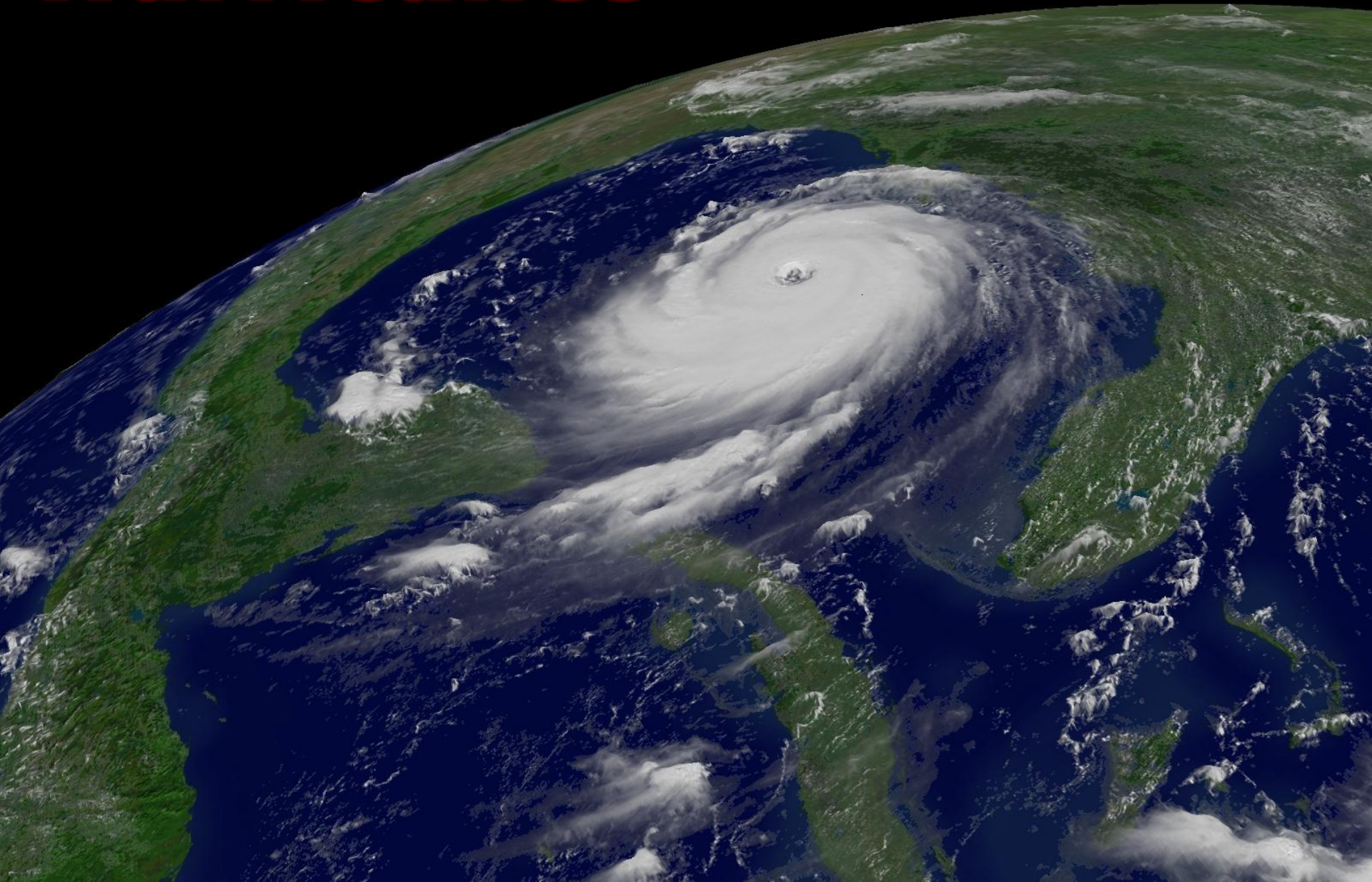
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- Lets look at some of the possible reasons that might cause us to evacuate.





# Hurricanes

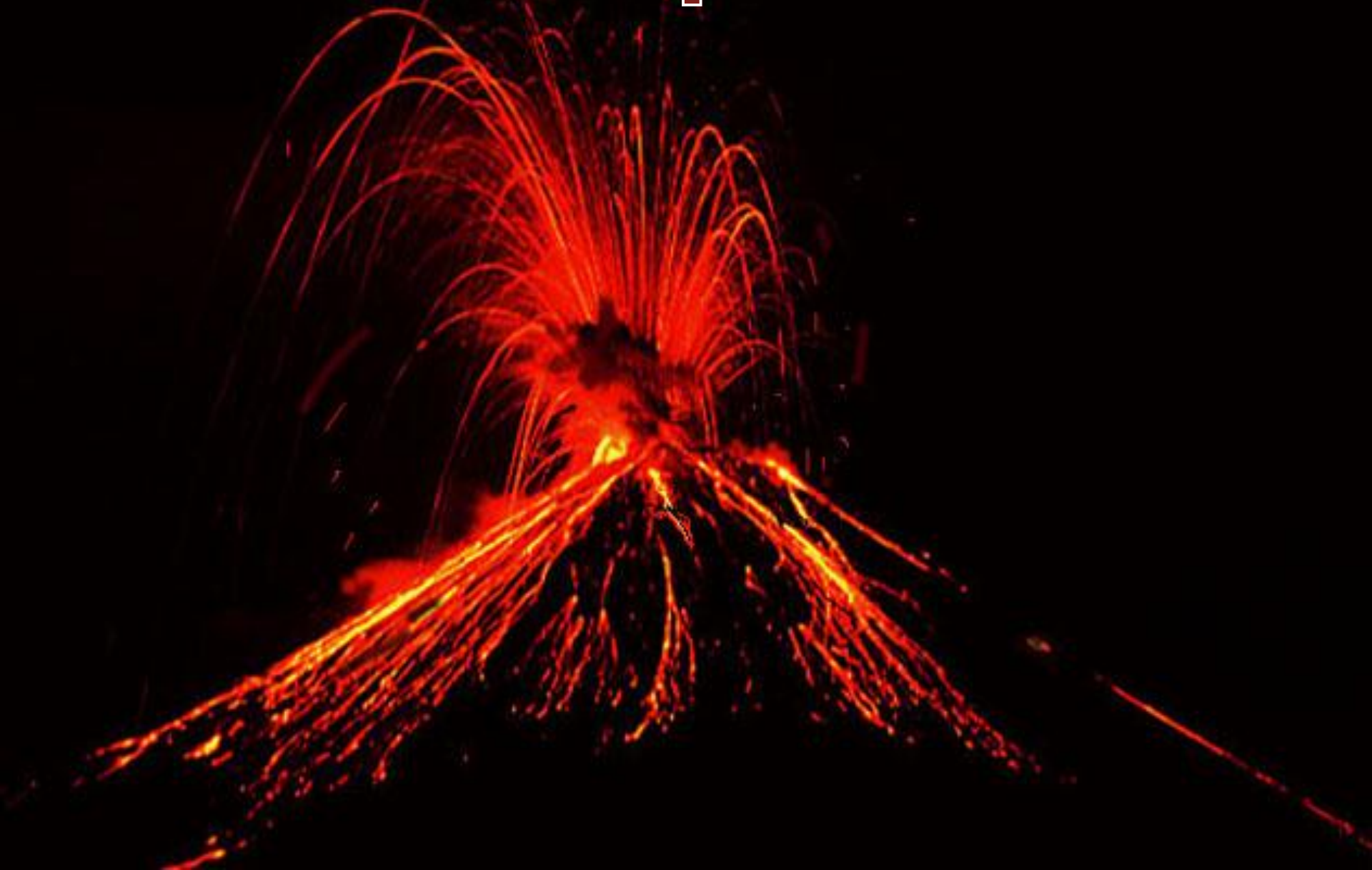




# Riots



# Volcanic Eruptions





# Tsunami



# Tornados





# Shortages





# Pandemic



# Fire





# Earthquakes





# Gas Leak



**War**





# Floods



# HazMat Spill





# Stay? or Go?

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How do you know whether you  
should stay or go?







Emergency Alert System



# EAS / NWR S.A.M.E.

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- NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations broadcasting continuous weather & emergency info. NWR also broadcasts warning & post-event info. for all types of hazards – including natural (ex. earthquakes or avalanches), environmental (ex. chemical releases or oil spills), and public safety (ex. AMBER alerts or 911 Telephone outages).
- Broadcasts are found in the VHF public service band at these 7 frequencies:

162.400 MHz	162.425 MHz	162.450 MHz	162.475 MHz	162.500 MHz	162.525 MHz	162.550 MHz
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Phoenix

NWR Radio Frequencies All states: <http://www.weather.gov/nwr/indexnw.htm>

AZ NWR Radio Frequencies <http://www.weather.gov/nwr/CntyCov/nwrAZ.htm>





# EAS / NWR S.A.M.E.

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- Instructions over the NOAA/EAS radio network can give you important information like up-to-date conditions, directions or shelter locations.
- You might be directed to shutoff your utilities.





# NOAA Radio



NOAA RADIO + S.A.M.E.



Emergency Radio With  
NOAA Frequencies




# Reverse 911

<http://www.maricoparegion911.org/index.htm>

Community Emergency Notification System

Related Web Sites



**Maricopa Region**  
**911**

**PUBLIC SAFETY ANSWERING POINTS**

Apache Junction Police	Maricopa County Sheriff's Office
Arizona State Capitol Police	Mesa Police and Fire
Arizona State University Police	Paradise Valley Police
Avondale Police	Peoria Police
Buckeye Police	Phoenix Fire
Chandler Police	Phoenix Police
Arizona Department of Public Safety	Rural Metro Fire
El Mirage Police	Salt River Police
Fort McDowell Police	Scottsdale Police
Gilbert Police	Surprise Police
Glendale Police	Tempe Police
Goodyear Police	Tolleson Police
Luke Air Force Base	Wickenburg Police



# Reverse 911

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- Instead of you calling 911 to report an emergency, Emergency Services, knowing there is an emergency in your immediate area, can call you.
- All land lines are already connected as they are tied to a fixed location...your home. (CenturyLink, Cox)
- Cell phones and VoIP phones can also be registered at:

<http://www.maricoparegion911.org/index.htm>







# Emergency Notifications via Text Messaging



a service organization

480.503.6871

[Site Map](#) | [Help Center A-Z](#) | [Departments](#)

Thursday, September 23, 2010

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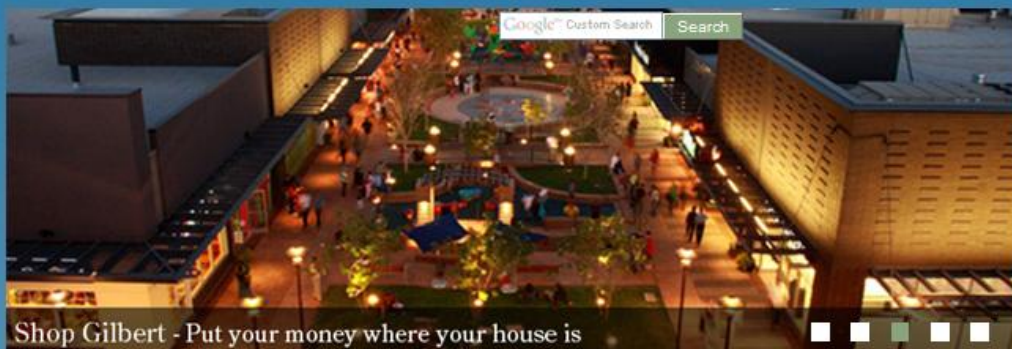
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Shop Gilbert - Put your money where your house is

## Most Popular

### For Residents

- Pay your Utility Bill
  - Budget Reports & Updates
  - Parks & Recreation
  - Traffic/road updates
  - Court calendar
- [View more residents >>](#)

### For Business

- Open a business
  - Apply for a permit
  - CIP/RFP Open bids
  - Codes & Ordinances
  - Contact Ombudsperson
- [View more business >>](#)

## Calendar of Events

### Month of September

- GPC Events every Thursdays
- Free HOA Classes

[Calendar Events](#)

[Library Events](#)

[Regional Library Events](#)

[Friday, September 23rd](#)

[Council Meeting](#)

[Relative HOA Summit](#)

[Water Conservation Courses](#)

[Successful Communities Event](#)

[Local Improvement Project](#)

[September 24th](#)

[World Circus](#)

[Friday, September 25th](#)

[Disposal Event](#)

[View more events >>](#)

## Community News



Gilbert, Ariz., named a "Playful City USA" - The Town of Gilbert was named among an elite class of "Playful City USA" communities for a commitment to prioritizing a healthy atmosphere for children to live active - and playful - lives.

[Read more >>](#)

[Gilbert Recreation Winter Brochure](#) - available for online viewing on October 4th.

[Gilbert named among the "Coolest Suburbs Worth a Visit"](#) by Travel and Leisure

[New Town program keeps the safest Town in Arizona even safer](#)

[September is National Preparedness Month](#)

[Sign up for Mayor's Youth Advisory Committee](#)

[Hispanic Heritage - September 15th to October 15th](#)

[All Residential rentals are taxable beginning October 1, 2010](#)

[View more news >>](#)

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## Social Media

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# Emergency Notifications via Text Messaging

Local Agencies		Local Businesses and Groups	
Not finding what you're looking for? <a href="#">Search for it here »</a>			
Subscribe to this Agency / Group	Agency / Group Name	Send all messages to my <u>email address</u> :	Send these messages to my mobile phone: (Alerts will automatically be sent to this phone number)
<input type="checkbox"/>	Arizona Department of Transportation	<input checked="" type="checkbox"/>	Advisories
<input checked="" type="checkbox"/>	Arizona Division of Emergency Management	<input checked="" type="checkbox"/>	Advisories
<input checked="" type="checkbox"/>	Gilbert Fire Department	<input checked="" type="checkbox"/>	Advisories
<input checked="" type="checkbox"/>	Gilbert Police Department	<input checked="" type="checkbox"/>	Advisories
<input type="checkbox"/>	Gilbert Traffic	<input checked="" type="checkbox"/>	Advisories
<input type="checkbox"/>	Greenfield Elementary School	<input checked="" type="checkbox"/>	Advisories
<input checked="" type="checkbox"/>	Higley Unified School District	<input checked="" type="checkbox"/>	Advisories



# Emergency Notifications via Text Messaging

<input checked="" type="checkbox"/>	HUSD - Centennial School	<input checked="" type="checkbox"/>	Advisories, Traffic, Community
<input type="checkbox"/>	HUSD - Chaparral School	<input checked="" type="checkbox"/>	Advisories
<input type="checkbox"/>	HUSD - Coronado School	<input checked="" type="checkbox"/>	Advisories
<input type="checkbox"/>	HUSD - Gateway Pointe School	<input checked="" type="checkbox"/>	Advisories
<input type="checkbox"/>	HUSD - Higley Elementary and Middle School	<input checked="" type="checkbox"/>	Advisories
<input type="checkbox"/>	HUSD - Higley High School	<input checked="" type="checkbox"/>	Advisories
<input type="checkbox"/>	HUSD - Power Ranch School	<input checked="" type="checkbox"/>	Advisories
<input type="checkbox"/>	HUSD - San Tan School	<input checked="" type="checkbox"/>	Advisories
<input type="checkbox"/>	HUSD - Transportation	<input checked="" type="checkbox"/>	Advisories
<input type="checkbox"/>	HUSD - Williams Field High School	<input checked="" type="checkbox"/>	Advisories



# Some Warning Signs

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- Loss of Power
  - Applies to wide-scale outages
  - At first, power outages have a novelty about them. This quickly disappears as the outage lasts more than a couple hours.
  - Without power...banks, gas stations and other business will be closed.
  - Looting begins as the most unprepared run out of resources and those who feel they can get away with it, start to loot.
  - Looting will start with businesses and move to suburban residential areas within a couple days.
  - Leave town early.





# Some Warning Signs

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- Lack of Food
  - Grocery stores have about a 1 week supply of food, with more shipped in daily.
  - With no food shipments, panic can set-in within 3 days.
  - Within minutes of news that food shipments will stop or slowdown, a mad dash of customers will purchase the necessities in the stores until they are completely depleted.
  - Once it is evident the shortage will last for more than a week, a mass exodus will begin.
  - Looting will begin; first businesses, then homes.



# Some Warning Signs

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- Lack of Water
  - People can live without water for only 2-3 days
  - Loss of Power = No Water. Water treatment plants and pumping stations depend on electricity. Generators are temporary.
  - Homeland Security recognizes our water supply as the easiest, most susceptible and largest-impact target to would-be terrorists.
  - By day two, people will get very worried. All bottled water will be purchased from the store leaving the shelves bare.
  - As no water is available at stores, a mass exodus will begin.
  - Looting will begin; first businesses then homes.
  - Any local water supply, lakes, streams, rivers, canals will become polluted as sanitation breakdown occurs. A mass outbreak of water-borne diseases will occur.



# Some Warning Signs

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- Quarantine

- Sometimes you may not have the option to leave town.
  - Quarantines or curfews may be imposed to control disease outbreaks or control widespread disturbances.
- Watch for the signs and leave town before the option to do so is taken away from you.
  - For Quarantines, ER's will fill up quickly and schools will shut-down first.
  - Curfews will be imposed to control riots or wide-scale looting.
- Those without proper supplies (Food, Water, Medicine, etc..) could begin looting or rioting if supplies are not made available.

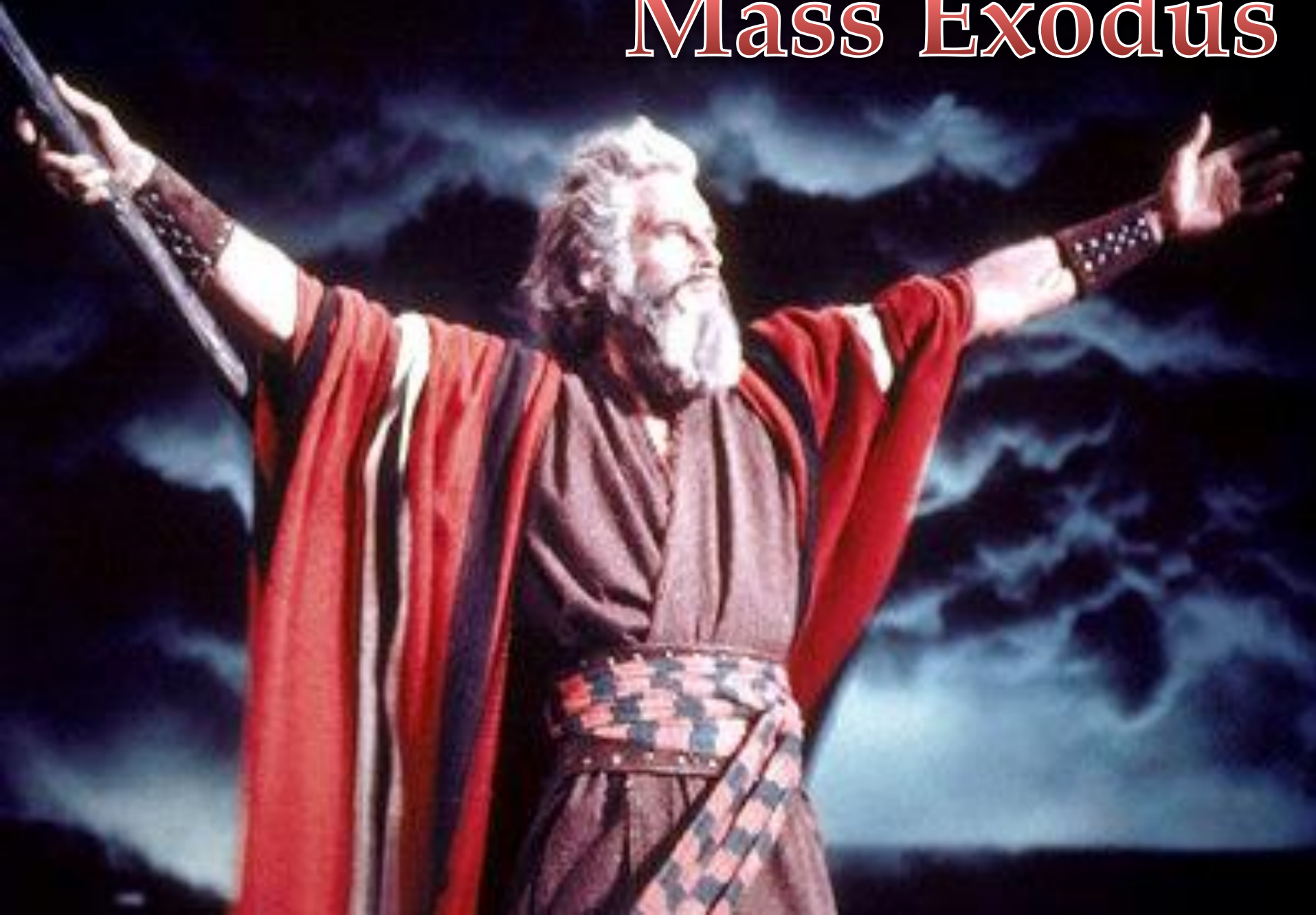


# Some Warning Signs

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- The Collapse of Social Order
  - The L.A. Riots following the Rodney King trial verdict
  - New Orleans after Hurricane Katrina
  - Once the people realize emergency services are overwhelmed or non-existent, the psychological barrier of “order” melts away and lawlessness can take over.
  - What leads to the collapse of social order? Lack of Food, Water, Utilities or Money or the threat thereof.

# Mass Exodus







# Mass Exodus

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- As people leave the cities, en masse. Gas stations will close as their employees leave town as well.
- Those that stay open, will be quickly depleted.
- People will only be able to travel as far as their tank of gas will take them.
- Mass traffic jams will occur on the outbound highways as people run out of gas and abandon their vehicles.
- If bad enough, this could actually block the highways and trap people in the cities. (Ex. Hurricane Rita)
- As people become desperate, looting will take place within a gas tank radius of the city.



Leaving Town



# Leaving Town

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- Know where you are going. Have an out of town friend or family member that will take you in.
- Roads may be blocked, off-roading may be necessary (Leave early to avoid this)
- You will need lots of supplies, plan ahead and have supplies ready (Larger car/trailer is helpful) or supply caches along your escape route
- Fuel: If you don't have enough, you can't go far. (Ideally store enough fuel to reach your destination or 2 tanks full)
- Don't travel alone, plan on leaving in small to large groups.





# Dangers of Leaving Town

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- You're severely limited in how much you can carry.
- You have limited range due to fuel.
- You expose yourself to social chaos, roadblocks, random violence, etc.
- Your house may be looted while you're gone.
- You run the risk of mechanical breakdowns of your vehicle.
- You must have a place to go that you know is in better shape than where you currently are.



Sticking Together



# Sticking Together

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- If you are forced to stay, it is impossible for you to face looters or gangs by yourself.
- Neighbors may work together to protect the entire neighborhood.
- Organized resistance will encourage gangs or looters to go where there is minimal resistance.
- Supplies may be traded to unprepared neighbors in return for help with the protection effort.
- To avoid your neighbors from being the threat, help them be informed and get prepared.
- Every neighbor, church member or family member that is prepared is one less person you'll have to support.
- Prepare enough to Share!!!!



# Things to Consider

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- Get Prepared!
- Start with the Basics.
  - 90 Day Food Supply
  - Water
  - Free from Debt
  - Long Term Food Storage
- Don't Panic or Encourage Panic in others.
- Be aware of the warning signs.
- Get out of town early.
- Plan ahead, know where you are going, be ready.
- Befriend your neighbors, help them prepare.



# Evacuation Plan





# Evacuation Plan

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- If you are forced to evacuate, you most likely won't have the time to stop and buy the appropriate maps and plan your route or communicate with family.
- Make your plans NOW where you will regroup if separated and what routes you will take.
- Review the plan at:  
[http://www.iwillprepare.com/index\\_files/Evacuation\\_Plan.htm](http://www.iwillprepare.com/index_files/Evacuation_Plan.htm)



# Plan For Your Area

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- First!....Prepare for emergencies that are most likely to occur.
- Make a list of possible emergencies & rate them in order of likelihood.







# Possible Emergencies

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- Utility Outage (Power, Water, Gas)
- Financial Setback
- Loss of Employment
- Car Trouble or Accident
- Microburst or other storm
- Medical Emergency
- Missing Child
- House Fire
- Gas Shortage
- Transportation Disruption
- Shipping Strike
- Hazardous Materials Spill
- Gas Leak
- Tornado
- Satellite malfunction preventing Debit/Credit Card Transactions
- Plane Crash in Neighborhood
- Mass Migration (From North AZ Forest Fires or CA Earthquakes)
- Earthquake
- Volcano
- Water Contamination
- Pandemic (Bird Flu?)
- Terrorist Attack
- Palo Verde Nuclear Plant Meltdown
- Flash Flood (Dam Failure)
- Forest/Brush Fire
- War



# Possible Emergencies

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Town of Gilbert, Arizona

Department of Emergency Management

12 Areas of Focus in Developing Gilbert's Emergency Response Plan

(12 Events Identified as Most Likely to Occur in Gilbert)

- 1. Poor Air Quality
- 2. Civil Disturbance
- 3. Common Carrier Accident  
(Plane, Train, Car, Bus, Etc..)
- 4. Earthquake
- 5. Power Outage
- 6. Fire/Explosion
- 7. Hazardous Material Spill
- 8. Heat wave
- 9. Pandemic Influenza
- 10. Palo Verde Disaster
- 11. Storms/Floods
- 12. Terrorism



# Evacuation Plan

\_\_\_\_\_ Family

## Disaster and Evacuation Plan



Last Updated: \_\_\_\_\_



## Contact Information:

Jon Sherman

Email:

[iwillprepare@gmail.com](mailto:iwillprepare@gmail.com)

Website:



[www.iwillprepare.com](http://www.iwillprepare.com)  
Emergency Preparedness