

Emergency Preparedness:

The News-Review
OF DOUGLAS COUNTY

ROSEBURG, OREGON MONDAY, DECEMBER 2, 1996

'They're in God's hands'

Bodies recovered: Mom, two children found in Umpqua River; husband manages to escape from submerged car

'The whole hillside broke loose'

Mudslide survivor: News-Review route carrier recalls harrowing fight for life while hanging onto tree in flood-swollen Hubbard Creek

Clinton urged to declare disaster

Dirty work begins to salvage soggy homes, holiday

Myrtle Creek resident sloshes through her house in hopes of saving Christmas



Emergency Preparedness:

Wayne Stinson

Douglas County Sheriff's Office

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Roseburg, Oregon 97470

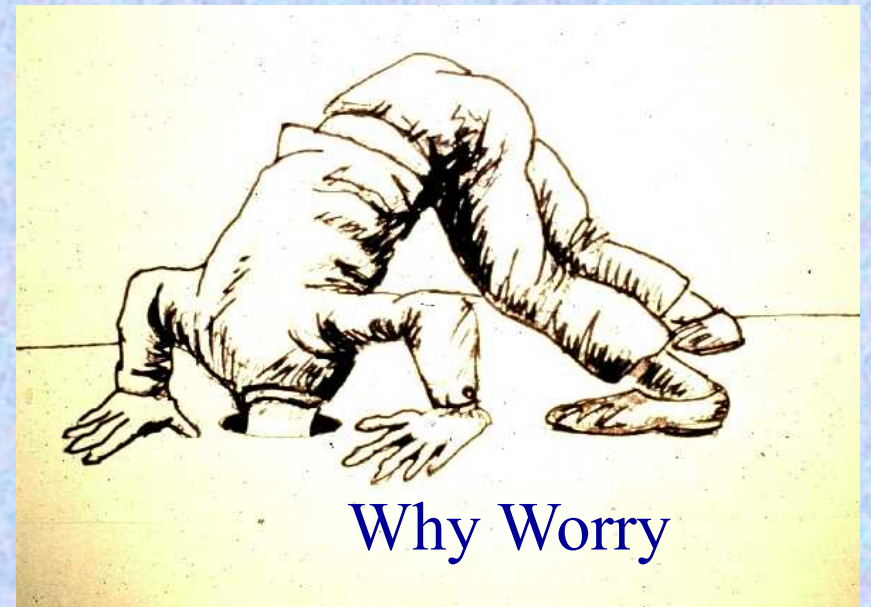
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It can't happen here...

Or can it?



Are YOU prepared?

Is your FAMILY prepared?



Will you be able to do your job?

Disasters: Common Elements

- Relatively unexpected
- Impersonal
- Life, property, and/or the environment are endangered
- Local resources are overwhelmed

Disasters can happen any time, any place, and generally without warning.

We're Safe Aren't We?

- December 2008 – Winter Storm
- August 2009 - Microwave Fire September 2009 – South Co. Fire
- January 2011 – Winter Storm March 2011 – Tsunami Surge
- January 2012 – Winter Storm
- July/August 2013 – Douglas Complex Fires and Brimstone Fire
- August 2013 – Government Flats Complex Fire
- February 2014 – Winter Storm
- August 2014 - Rowena Fire September 2014 – Oregon 36 Pit Fire
- July 2015 – Stouts Creek Fire
- August 2015 – Krauss Lane, Cornet, Windy Ridge, Dry Gulch Fires
- December 2015 – Winter Storm
- August 2016 – Gold Canyon Fire
- December 2016 – Winter Storm
- January 2017 – Winter Storm
- August 2017 – Millie and Chetco Bar Fires
- September 2017 – Eagle Creek Fire

Oregon not prepared for Cascadia quake and tsunami, state auditors say

by KATU Staff | Thursday, January 25th 2018



Cascadia Subduction Zone - Image from the Oregon Secretary of State Audits Division.

THE NEW YORKER

ANNALS OF SEISMOLOGY | JULY 20, 2015 ISSUE

THE REALLY BIG ONE

An earthquake will destroy a sizable portion of the coastal Northwest. The question is when.

BY KATHRYN SCHULZ

The Oregon Resilience Plan

Executive Summary

**Reducing Risk and Improving Recovery
for the Next Cascadia Earthquake and Tsunami**

Report to the 77th Legislative Assembly
from Oregon Seismic Safety
Policy Advisory Commission (OSSPAC)

Salem, Oregon
February 2013

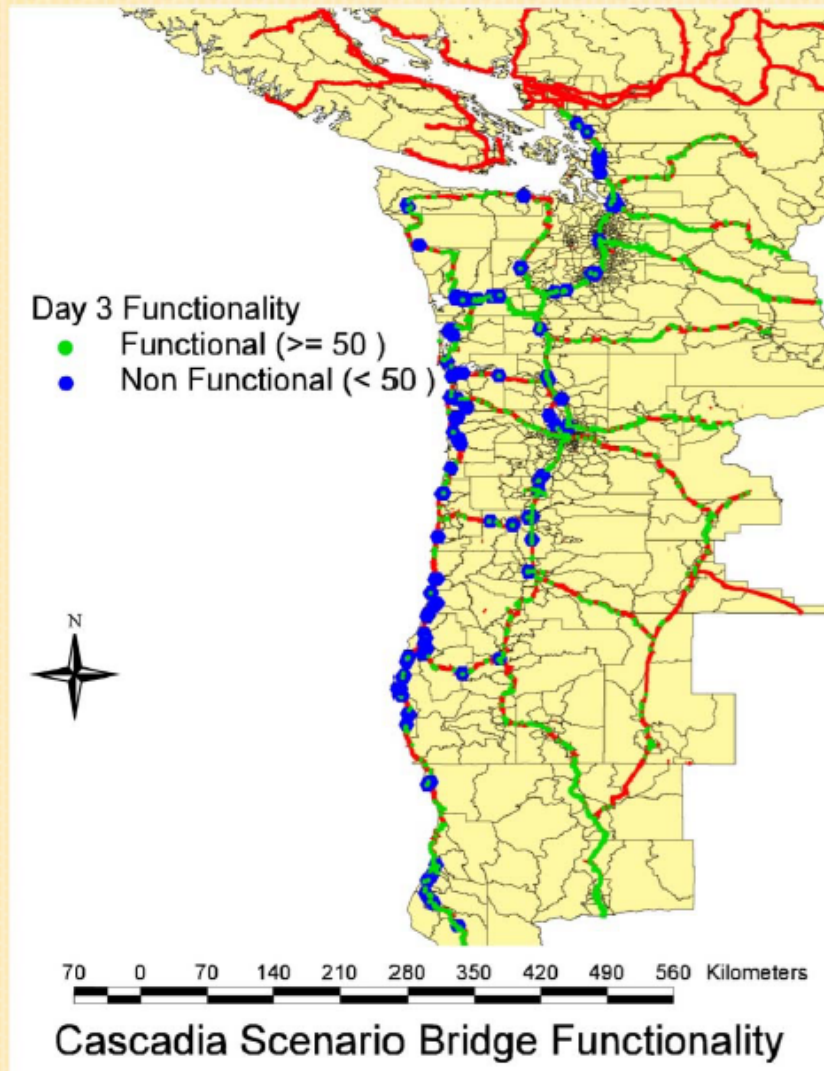


Google: Oregon Resilience Plan Executive Summary

👉 A particular vulnerability is Oregon's liquid fuel supply. Oregon depends on liquid fuels transported into the state from Washington State, which is also vulnerable to a Cascadia earthquake and tsunami. Once here, fuels are stored temporarily at Oregon's critical energy infrastructure hub, a six-mile stretch of the lower Willamette River where industrial facilities occupy liquefiable riverside soils. Disrupting the transportation, storage, and distribution of liquid fuels would rapidly disrupt most, if not all, sectors of the economy critical to emergency response and economic recovery.

Critical Service	Zone	Estimated Time to Restore Service
Electricity	Valley	1 to 3 months
Electricity	Coast	3 to 6 months
Police and fire stations	Valley	2 to 4 months
Drinking water and sewer	Valley	1 month to 1 year
Drinking water and sewer	Coast	1 to 3 years
Top-priority highways (partial restoration)	Valley	6 to 12 months
Healthcare facilities	Valley	18 months
Healthcare facilities	Coast	3 years

WHAT ARE THE RISKS & IMPACTS?



- Infrastructure and lifelines will be seriously damaged
 - In Oregon, 399 bridges would have totally or partially collapsed under an M 9.0 Cascadia Subduction Zone earthquake, and 621 bridges would have been heavily damaged.
 - Most state routes connecting Interstate I-5 with the Oregon Coast Highway would be closed. The estimated time of closure could be 3 to 12 months.
 - The restoration of the entire transportation network could take 3 to 5 years, and would require a nationwide effort.

Are You Prepared?

- If a disaster were to occur right now, what would you do?
- Do you know the location of your spouse, children, other family members, your co-workers?
 - Do they know where you are?
- How would you find out if they were okay and safe?
- Would you leave work and go home?
 - What are the potential consequences?

7 Easy Steps to Disaster Preparedness

1. **Discuss** the disasters most likely to happen in your community and their impact on your family's safety.
2. **Develop** a Family Disaster Plan.
3. **Train** all family members.
4. **Assemble** supplies including food, water and emergency tools (72-Hour Kits).

7 Easy Steps to Disaster Preparedness

5. **Complete** the emergency contact names and numbers.
6. **Test** your Family Disaster Plan.
7. **Maintain** your readiness. Review your plan at least once a year to determine what training, equipment, and supplies are needed for your family.

All Hazards Approach

- The Family Disaster Plan you develop for floods will work for hazardous materials, earthquakes, winter storms, other hazards ?
- Being prepared is the common theme among all disaster planning.
- What works at home could also work at the office.... Encourage your co-workers to prepare!

Is My Family Prepared?

- **Discuss the impacts on your family if a disaster happens when you are at work.**
 - What are the expectations you have - stay at work?
 - Call to let you know they are okay?
 - Discuss the impacts on your family if you have to go to work because of the disaster and cannot be at home with them.
- **Address these issues in your Family Disaster Plan.**

Children

- Include in family planning
- Organize rooms to feel safe
- Flashlight in shoe under bed
- Yelling to others while putting on shoes
- Home alone/school(policy)
- Wallet card
- Home hazard hunt

Pets / Livestock

- Evacuation shelters *do not accept pets or Livestock*
- Photo
- Food / Water / Shelter



Assemble Supplies: ~~72 Hour~~ Kits 2 Week Ready

- Create a ~~72 hour~~ 2 week kit for ***EACH*** family member.
- Consider creating ~~72 hour~~ 2 week kits for:
 - Each vehicle you own
 - Each child for school or day care
 - Your work station/desk
 - Your pets

~~72 Hour~~ 2 Week Kits

- **Water**
- **First Aid Supplies**
- **Prescriptions/Special Medications**
- **Food/Can Opener**
 - Remember your pets
- **Blankets/Clothing**
- **Rain Gear**
- **Gloves**
- **Sanitation Supplies**
- **Radio/Spare Batteries**
- **Tools**
- **Duct Tape**
- **Tent**
- **Money**
- **Glasses**
- **Books/Toys**
- **Copies of important papers**

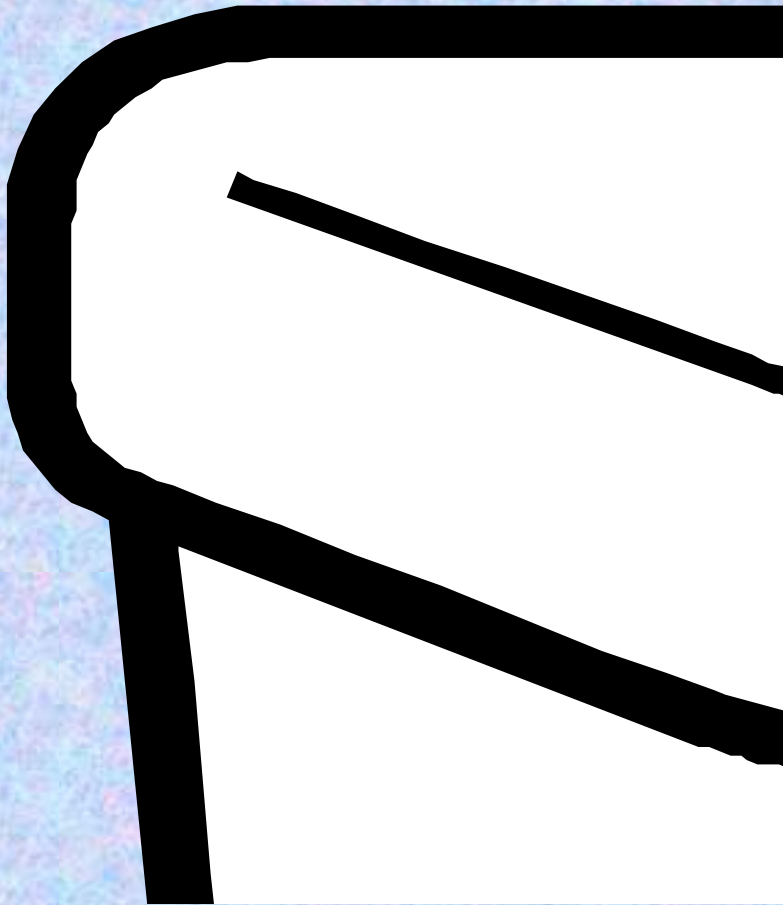
Family Response for Disasters

- Prepare to evacuate if told to by local authorities.
- Secure your home. If time permits, secure items located outside the house.
- If instructed, turn off utilities at the main switches or valves.
- Fill your car with fuel. Fill the bathtub with water in case water becomes contaminated or services are cut off. Sterilize the bathtub first!

Telephone

- Do **NOT** call 9-1-1 unless you have an emergency.
- Do **NOT** access the internet just to see if it still works.
- Do **NOT** continually pick up the phone to see if it works.
- If local access lines are “busy” try calling your out of state contact - long distance access may be available.
- Cordless phones will not work in power outages

What Happens When Your Toilet Doesn't Work?



- **Garbage Bags**
- **Storage**
- **Disposal**

You Can Be Prepared

-You can educate your family-

1. Shoes/flashlight by/underneath your bed
2. Store water – 2 liter bottles
3. You can have an outside contact.
4. Cash in small denominations
5. Never have less than $\frac{1}{2}$ tank of fuel

DON'T BE A VICTIM!!!

Business Preparedness

- Critical Employee
- Emergency Operations Plan
- Communication during a disaster
- 50 to 75% of businesses that are impacted by a disaster never re-open or are out of business within 3 years.

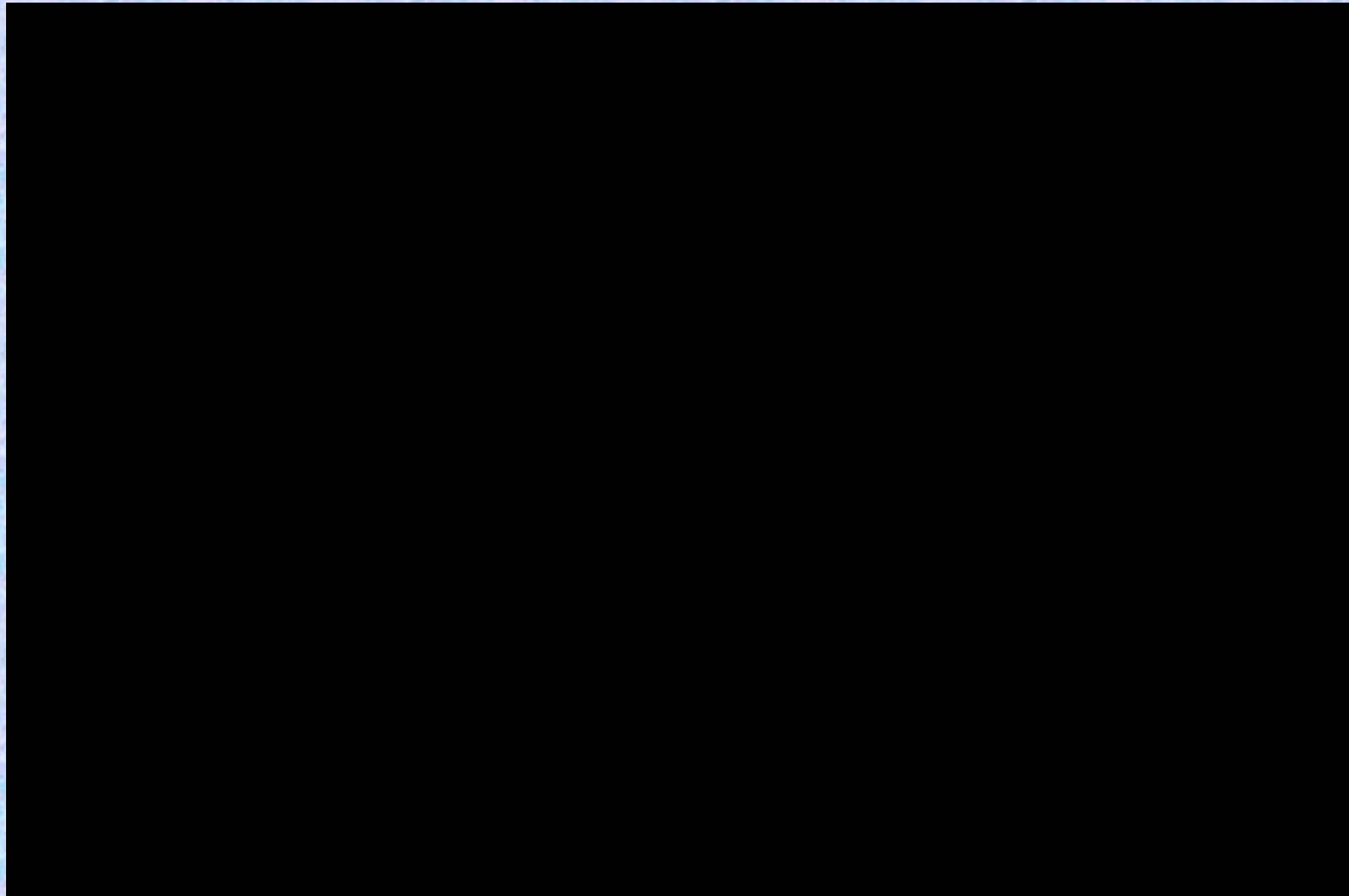


Disaster Assumptions

- Employees may work long hours.
- Employees may not be able to return home.
- Families may need to be self sufficient for several days or longer.
- It is necessary for the employee to know that their family is safe.
- Employees will be less than effective in their jobs if worried about their families.

YOU are
responsible for the
welfare and safety
of yourself and your
family.

A little bit about preparedness



Emergency Preparedness:

Questions???

Douglas County Sheriff's Web Page:
<http://www.dcsso.com>

Remember 5 things.....to Start

Shoes/flashlight by/underneath your bed

Store water – 2 liter bottles

You can have an outside contact.

Cash in small denominations

Never have less than ½ tank of fuel

Getting Prepared can be
like herding cats, it
can be challenging...



When Do You Shut the Gas Off?

- Call your local Gas Company provider and see what they recommend.
- When you might turn off the gas:
 - If the wheels are spinning on your meter.
 - If you smell gas and are unsure.
 - If a building has collapsed.

Electricity

- Turn off lights.
 - Leave one on so you will know power has returned.
- Unplug appliances as needed, such as TV and computer.
 - Try and avoid having too many electrical appliances “turn on” when power is restored.
 - Avoid an accidental “surge” in your home.