

Ready or not....

Barbara Ayers,
Hood River County Emergency Manager



April 2010

The Oregonian

\$1.00

50 cents home-delivered

SUNRISE EDITION

WINNER OF SEVEN PULITZER PRIZES

VE.COM

Quake study asks when, not if

Several factors complicate estimating likelihood of the Northwest's next big one within 50 years

By JOE ROJAS-BURKE
THE OREGONIAN

On a January night in 1700, one of the largest earthquakes in history ruptured the seafloor off Oregon and Washington.

Within minutes of the magnitude-9 earthquake, a 30-foot wall of water drove over low-lying coastal areas. The tsunami crossed the Pacific within 12 hours and flattened houses along Japan's east coast.

The Northwest is due for another devastating mega-quake. Precise predictions are impossible, but by reconstructing the history of mega-quakes in the Northwest, scientists have found a possible pattern that could help improve forecasts of the next big one. Findings suggest that the largest, most damaging quakes may strike in cycles separated by 1,000-year periods of inactivity.

"Our time series is getting better and better and that's good to know in the

Recent big earthquakes



HAITI, Jan. 12 | Magnitude 7.0; 222,570 killed. Although not as destructive as a subduction zone earthquake, the quake in Haiti led to massive fatalities because of poor



CHILE, Feb. 27 | Magnitude 8.8; 507 killed. Caused by a subduction zone comparable to the Pacific Northwest's. Strong building codes reduced deaths and injuries, but


Ecuador earthquake: 'It's going to take us years to recover'

By [Catherine E. Shoichet](#), [Rafael Romo](#) and [Michael Pearson](#), CNN

🕒 Updated 7:07 AM ET, Wed April 20, 2016



Top stories

-  Strahan's leaving, now Ripa's MIA
-  500 may have drowned in shipwreck

ried in rubble in Ecuador 06:57

(CNN) — The powerful earthquake that killed more than 480 people in Ecuador is the worst disaster the country



February, 2010

Chile 8.8 earthquake



Haiti Earthquake 7.0

January 2010



Three million people were affected by the quake. Haitian Government estimated that 230,000 people had died, 300,000 had been injured and 1,000,000 made homeless.

Dec. 2004

SE Asia Tsunami



OGRISH.COM – TSUNAMI SCENE IN PHUKET (INDONESIA)

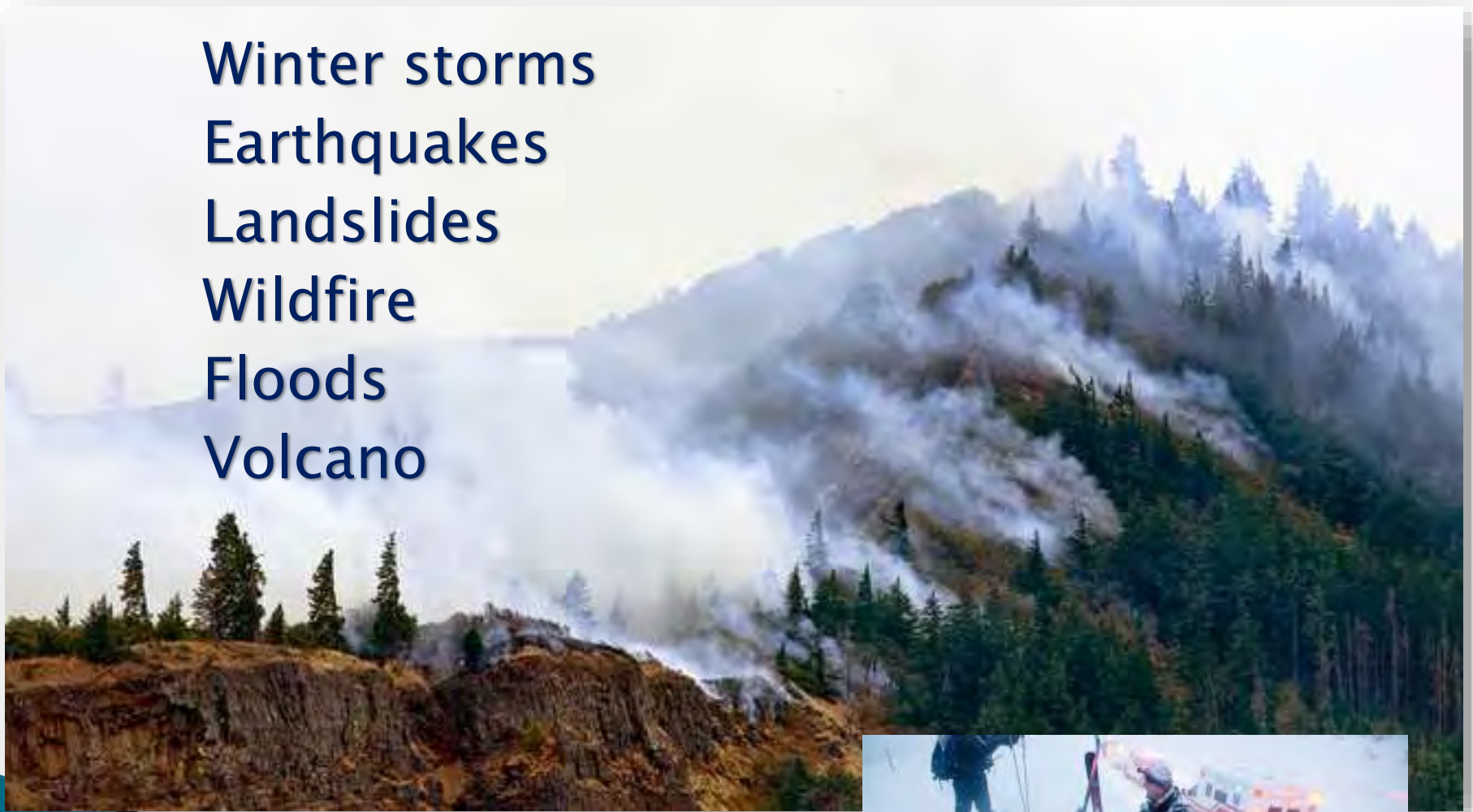
Are we ready – are you?

Disasters: any time, any place



Gorge / Oregon hazards

Winter storms
Earthquakes
Landslides
Wildfire
Floods
Volcano





Mt. St. Helens
2008

Mt. Hood?

Gorge fire history

An aerial photograph of a wildfire in a forested gorge. A large, bright orange fire is visible in the center-right, with thick, dark grey smoke rising from it and spreading across the upper right portion of the image. The surrounding forest is dense and green, with some areas appearing charred or brown. The foreground shows a dark, rocky slope and a body of water at the bottom.

Summer 2015:

23 large wildfires in Oregon and Washington – uncontained for weeks

11 OR fires: 419,201 acres

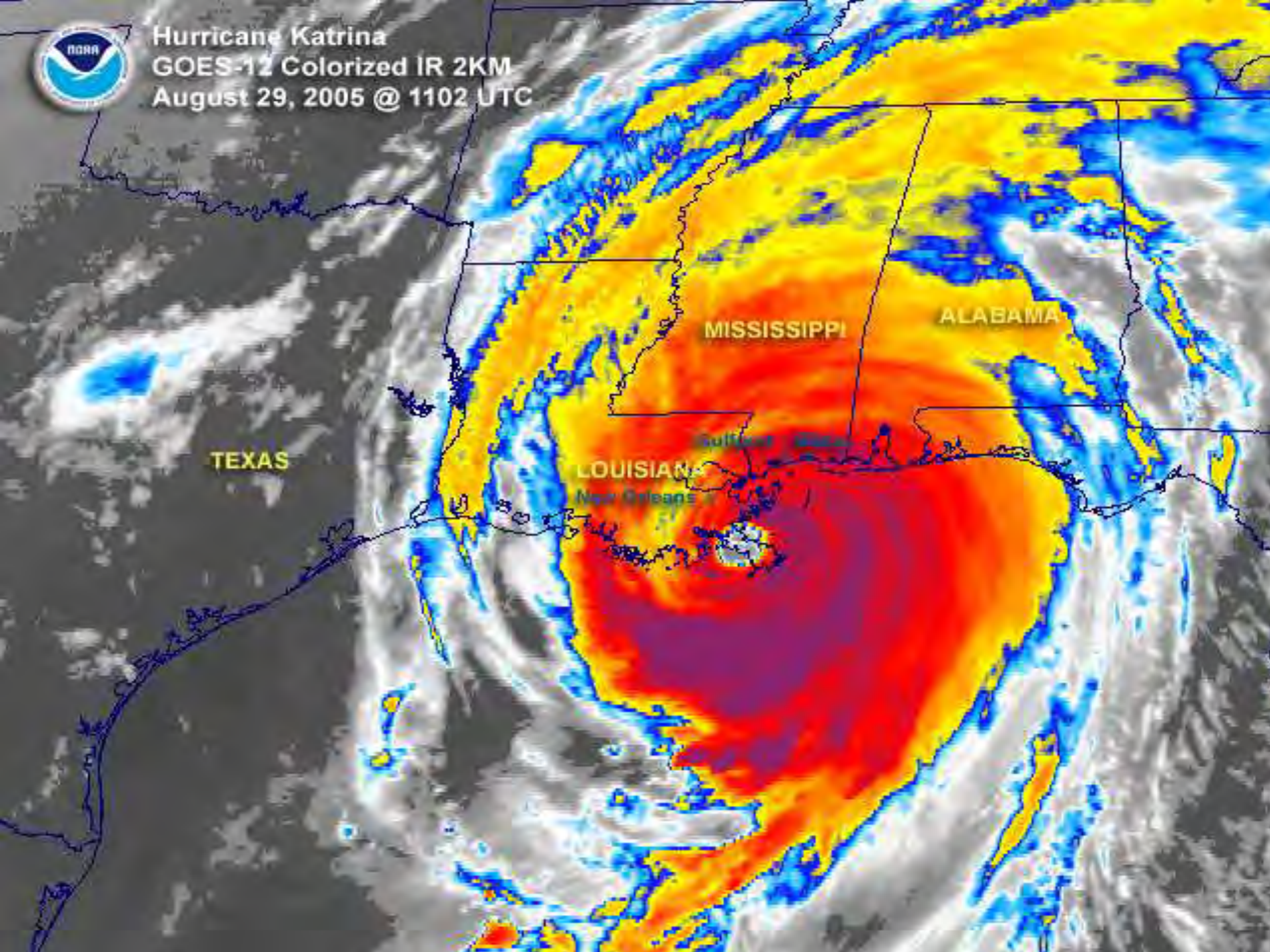
12- WA fires: 680,682 acres, killed 3 firefighters- largest fire in WA history

Prior summer - 2014:

Carlton Complex – Was largest fire in WA history – destroyed 300 homes



Hurricane Katrina
GOES-12 Colorized IR 2KM
August 29, 2005 @ 1102 UTC



TEXAS

MISSISSIPPI

ALABAMA

LOUISIANA

New Orleans

Gulf of Mexico



Hood River County Emergency Management

- Disaster focused – not everyday emergencies
- Grants, planning and preparedness
- Mitigation, response, recovery
- The strength of all of us, across jurisdictions
- Coordination and collaboration - EOC / ECC

Your County, your EOC
Emergency Operations Center



What does the County do?

County EOP (Emergency Operations Plan)

- ▶ Matching plan for HR City and City of Cascade Locks.
- ▶ Includes outline of agencies, responsibilities, tasks and priorities for helping our community.
- ▶ Checklists for a variety of scenarios (drought, fire, quake, etc.)
- ▶ Reality could be totally different and more complex – but it's an excellent start.



County COOP Plan

(Continuity of Operations Plan) Business Continuity

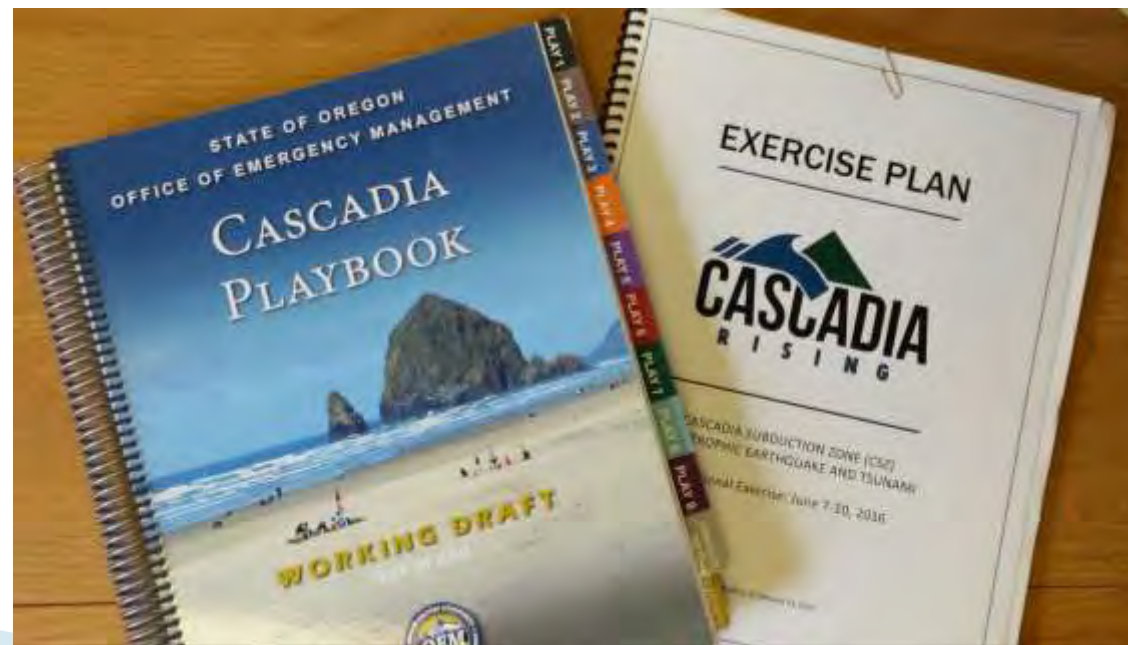
- ▶ Completed in September
- ▶ How we'd reinstate urgently needed County services to support our community in a disaster
- ▶ COOP helped us figure out the best order to reinstate services – from ASAP to two weeks.
- ▶ Services that can wait, send staffs to emergency divisions.
- ▶ We'd also really rely upon partner agencies and volunteers.
- ▶ We have FEMA handouts for business recovery. A big worry is small local businesses and their ability to recover

Responders vs planners

- ▶ **First responders, incident management:**
Sheriff – police – 911 – fire – police – public works
– hospital – etc.
- ▶ **Year round training and drills**
 - Build partnership – teamwork – shared goals
- ▶ **Write and manage grants** to bring new money to our community for emergency projects our small tax base just can't afford– like the 911 tower or public safety radio improvements.

Cascadia plans and drills

- ▶ Cascadia Playbook
- ▶ Cascadia drills this June in Hood River – to get involved, please stop by our table



Cascadia:

No one knows for sure – but...

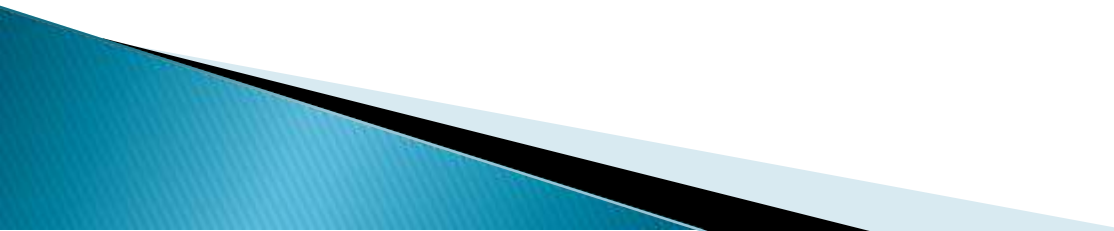
Planning assumptions:

- ▶ Coast/PDX: similar to Japan earthquake in 2011
- ▶ Most of major cities in Pac NW impacted
- ▶ Small communities lower priority for relief
- ▶ Here: 5 minute quake – 5.0
- ▶ I-84, bridges closed
- ▶ Landslides
- ▶ Fleeing Portland residents
- ▶ Federal relief services coming from the east to help cities west of us
- ▶ Possible downtown historic brick building damage
- ▶ Schools, County buildings, fire stations damaged
- ▶ Power interruption for weeks or months
- ▶ Damage to sewer, water supplies, infrastructure
- ▶ Business interruption – weeks or months = economic impact
- ▶ Banks closed

What if's

- ▶ No phones – no internet – no cell phones?
- ▶ Winter – no power for 3 months?
- ▶ Mt. Hood Meadows full of skiers?
- ▶ Summer – 10,000 tourists in town?
- ▶ The same 100 volunteers and first responders do everything?
- ▶ We volunteer! But planners call spontaneous volunteers the “disaster within the disaster” – donations and people flooding in need management and focus
- ▶ We don't know how we will handle a disaster emotionally.
- ▶ Who will be hurt or killed?
- ▶ Stuck somewhere, wrong place at the wrong time?
- ▶ What are the communities highest needs?
- ▶ Do the greatest good for the greatest amount of people

This just a start. But we've begun.

- ▶ **We need to prepare our families and businesses**
 - ▶ **Retrofit buildings**
 - ▶ **Make fuel plans**
 - ▶ **Food, sewer and water access?**
 - ▶ **How we'll get groceries and supplies when I-84, Highway 35 and river bridges are closed.**
 - ▶ **Damage assessments – start the recovery process.**
- 

Now it's your turn

- **Prepare**
- **Talk with – practice with - your family.**
- **Practice tonight with the experts:**
 - CPR on a manikin
 - sign up for our Reverse 911 CITIZEN ALERTS
 - make a go-kit
 - What's in your first aid kit?
 - purify water, get a tetanus shot,
 - use a fire extinguisher
 - be safe on the water

Get READY Gorge

Disaster preparedness:

“Must have” or “Nice to have?”
“Round tuit” or urgent?”





Must have or nice to have?

Could it help any person, any time?

Is it just a once-in-a-lifetime
need during Cascadia?

How important/urgent is preparedness?



Emergencies can happen at any time



Three simple steps:

- Get a Kit
- Make a Plan
- Be Informed

Midnight. Mosier - August 2009

Not a creature is stirring.

You're packing up for Hood to Coast .



A night photograph of a town, likely in a mountainous region, with its lights glowing against the dark sky. The lights are concentrated in the lower half of the image, with some areas appearing dimmer or out, suggesting a power outage. The background shows dark, silhouetted hills under a deep blue twilight sky.

You look outside...

And then the power goes out...

DAYBREAK:

“Mosier is threatened by 500+ acre wild fire, fueled by 30 MPH winds. The town has lost power.”

“All 430 homes have been ordered to evacuate.”

- *Oregonian*

Ready? To leave – NOW?



Mosier, Ore., Fri., Aug. 28, 2009.

Jose Reyes and his son Eric, 7, load their belongings into their pickup as helicopters fly overhead.

Thomas Boyd/The Oregonian

All Mosier residents were advised to evacuate: voluntarily



What is most important?

Special needs: Kids, seniors, disabled, animals

Animals are reactive - keep them contained so you can take them quickly

Do you have a pet friendly place to stay? Shelters don't take animals.

Seniors will not want to leave – or might not have a ride



We are in this together



- ▶ Build a kit.
- ▶ Make a plan.
- ▶ Be informed.

*Sign up for Hood River County
Emergency alerts*

www.hoodriversheriff.com

www.co.hood-river.or.us



EMERGENCY KIT CHECKLIST

<input type="checkbox"/>	Food , at least a three-day supply of non-perishable food
<input type="checkbox"/>	Water , one gallon of water per person and pet per day for at least three days, for drinking and sanitation
<input type="checkbox"/>	Radio , battery-powered or hand crank with NOAA weather and tone alert
<input type="checkbox"/>	Flashlight, headlamp, extra batteries for radios and lights
<input type="checkbox"/>	First aid kit
<input type="checkbox"/>	Whistle to signal for help
<input type="checkbox"/>	Dust mask or cotton t-shirt to filter air
<input type="checkbox"/>	Moist towelettes, garbage bags, plastic ties for personal sanitation
<input type="checkbox"/>	Wrench or pliers to turn off utilities. Know where and how shut off valves.
<input type="checkbox"/>	Manual can and bottle openers, plates, utensils, paper towels
<input type="checkbox"/>	Maps and documents – insurance information, contact information, family emergency plan, etc.
<input type="checkbox"/>	Coats, shoes, clothing
<input type="checkbox"/>	Unique family needs – prescription medicines, glasses, infant formula, diapers, pet supplies including crates.

Get ready, Gorge!

We live in a beautiful and remote area with weather and natural hazards. Be prepared. Disasters and emergencies can happen at any time.

1. Get a Kit *of emergency supplies.*

Be prepared to make it on your own for at least three days, it may be up to three weeks.

If possible, make two kits – a larger kit at home and a small kit for the car.



2. Make a Plan *for family emergencies.*

Sit down together, plan and practice in advance.

Your family may not be together when disaster strikes, so plan how you will communicate and meet up and where you will go. If you evacuate, take your emergency supply kit and pets, however public shelters may not allow pets inside.

Set up family meeting points where you can find each other and leave messages if you are separated. Power may be out and cell phones may not be working. Find out how schools and your employer will reach you if needed.

Have an out of state contact that all family members call. If you can't reach each other, it may be easier to make a long-distance call than to call locally. Be sure everyone knows the number and has coins or a prepaid phone card.

3. Stay Informed.

Get Hood River County Citizen Alerts:
www.HoodRiverSheriff.com/events/emergency-alerts



Campers – fishermen/women: preparedness gurus



Preparedness.

This is not another new project

- Your kits starts with camping gear
- Moms with kids – weekends: preparedness gurus
- Boaters – hikers - windsurfers – skiers: “what if?”



What's in your weekend getaway kit?

Make a plan

Family Emergency Plan

- ▶ You may not be together when an emergency happens
- ▶ Plan in advance how to get in touch with each other and get back together
- ▶ www.ready.gov template

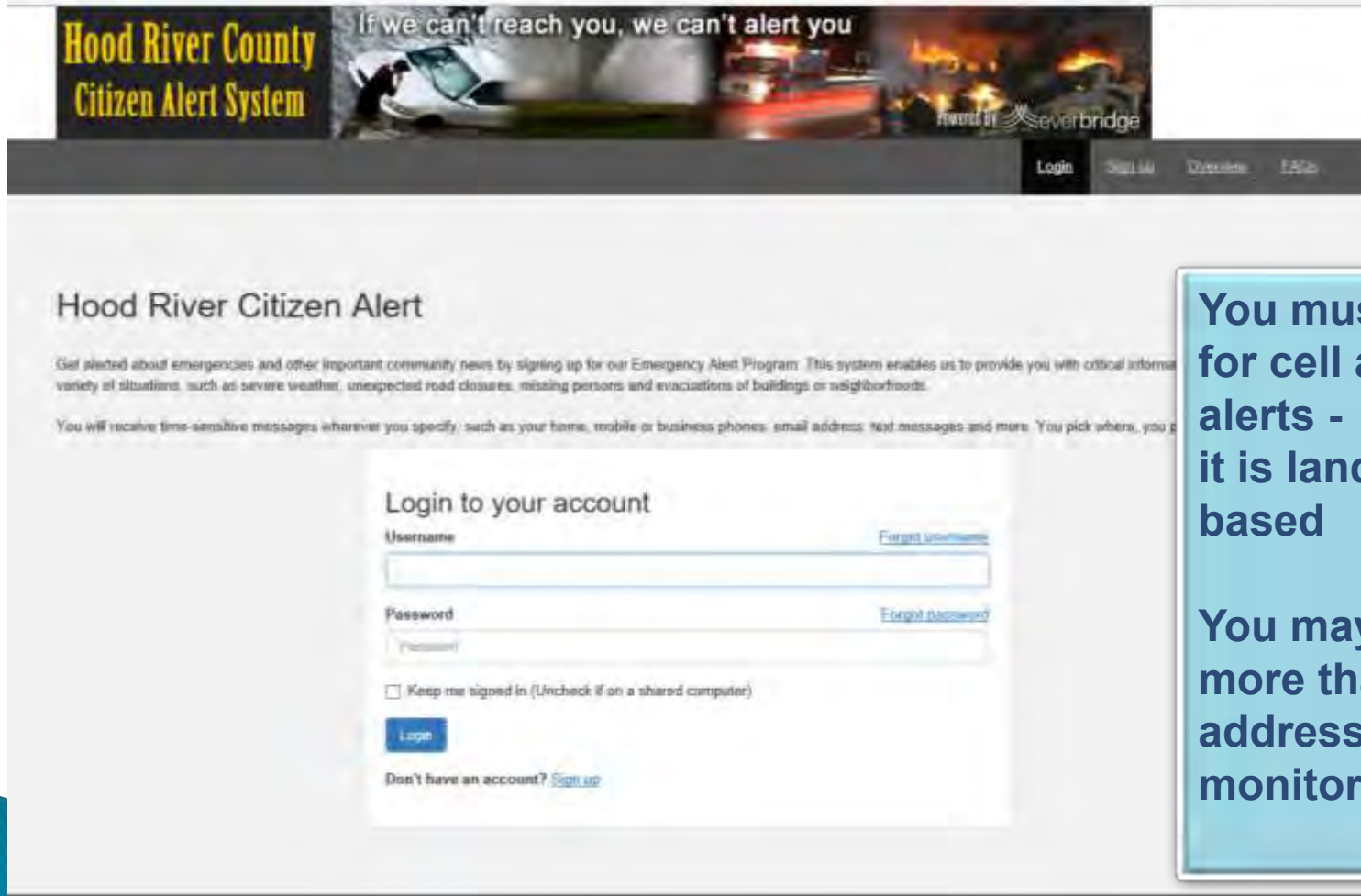


The image shows a 'Ready Family Emergency Plan' form. At the top left, there is a green checkmark and the word 'Ready'. At the top right, there is the 'Family Emergency Plan' title and a small graphic of a family. Below the title, there is a section for 'Prepare Plan, Stay Informed' with a paragraph of instructions. The form is divided into several sections for gathering contact information and emergency plans for family members and other frequent locations. Each section includes fields for Name, Date of Birth, Social Security Number, and Important Medical Information. There are also fields for Work and School locations, including Address, Phone Number, and Evacuation Location. At the bottom, there is a table for 'Important Information' with columns for Name, Telephone Number, and Policy Number.

Important Information	Name	Telephone Number	Policy Number
Insurance			
Other			

Stay Informed.

Sign up for Citizen Alerts



Hood River County Citizen Alert System

If we can't reach you, we can't alert you

POWERED BY severbridge

Login Sign Up Overview FAQs

Hood River Citizen Alert

Get alerted about emergencies and other important community news by signing up for our Emergency Alert Program. This system enables us to provide you with critical information in a variety of situations, such as severe weather, unexpected road closures, missing persons and evacuations of buildings or neighborhoods.

You will receive time-sensitive messages wherever you specify, such as your home, mobile or business phones, email address, text messages and more. You pick where, you pick how.

Login to your account

Username [Forgot your username?](#)

Password [Forgot Password?](#)

Keep me signed in. (Uncheck if on a shared computer)

Don't have an account? [Sign up](#)

You must opt in for cell and email alerts - it is landline based

You may have more than one address you monitor

One sign up – County wide

County, Sheriff, Fire Dept. websites

HOOD RIVER COUNTY SHERIFF'S OFFICE

ABOUT

SERVICES



FILE A REPORT

Emergency Alerts

June 1st, 2016



sign up for emergency alerts.

powered by Everbridge

Sign up for emergency alerts

Information is your lifeline. From electricity disruptions and sudden road closures to instructions during natural disasters - to make the right decisions you need to be informed. Sign up today to receive emergency notifications from Hood River County on your home phone, cell phone, email and more.

To register, click [here](#).

Location

Hood River County Sheriff's Office
2000 State St

Contact

Phone: (541) 386-2098
Fax: (503) 331-2096

Hood River County Emergency

911



WEST SIDE FIRE

Neighbor Helping Neighbor since 1948



Our Mission

Neighbor helping neighbor since 1948

West Side Fire is committed to providing the highest quality of life in our community by protecting life and property in accordance with the standards governing the profession. We're here. Every day. 24/7. 365 days a year.



Important Information Links



Get alerted

about emergencies and other important community news by signing up for our Emergency Alert Program. [Click here to sign up](#)

- FAVORITES
- News Feed
- Messages
- Events
- Sale Groups
- PAGES
- Hood River County...
- Pages Feed
- Like Pages
- Create Page
- Create Ad
- APPS
- Games
- On This Day
- Suggest Edits
- Pokes
- Photos
- Saved
- Find Friends
- GROUPS
- Create Group
- EVENTS
- Create Event



Columbia Gorge Emergency Prep...

Public Group

Discussion Members Events Photos

Join this group to post and comment.

+ Join Group

PINNED POST



Carola Stepper

January 5 - Hood River, OR, United States

This public group was created to inspire Columbia River Gorge residents in Oregon and Washington to be prepared for emergencies, create their own emergency kits, share websites and other related resources and stay connected via this FaceBook page to keep this information on their to-do-lists. Please direct any questions to official authorities and offices. Please keep posts related to Emergency Preparedness, if not your post will be deleted and you will be removed from this g... See More

9

Like Share

RECENT ACTIVITY



Survival Stock

March 26 at 9:42am

We have do it yourself prepping supplies as well as a awesome selection of

THANK YOU!
713 members in less than one year!

MEMBERS

713 Members



DESCRIPTION

This public group was created to inspire Columbia River Gorge re... See More

GROUP TYPE

Support

CREATE NEW GROUPS

Groups make it easier than ever to share with friends, family and teammates.

Create Group

UPCOMING GROUP EVENTS

See All



The Big One What you need to know: Cascadia Subduction earthquake and the Gorge, FREE workshop
Thursday, April 21 at 5:30 PM
Springhouse Cellar Winery, 13 Railroad St, Hood River





The worst
brings out the best in us

Our greatest strength: our people

Small town community spirit



- We can do this
- Here in the Gorge, we take care of each other.
- Small towns move mountains more quickly.
- There is no place else in the world to be – good times and bad

Gorge: “everyday” emergencies

Prepared for The Big One = ready everyday



- Your car breaks down in winter
- Power is out
- Wildfire threatens your home and you evacuate.



Ready? Or not?

Be prepared- not scared

