

It happens when we least expect it

*Labor Day weekend.
With 162 hikers on the trail.*

Barbara Ayers
Emergency Manager
Hood River County

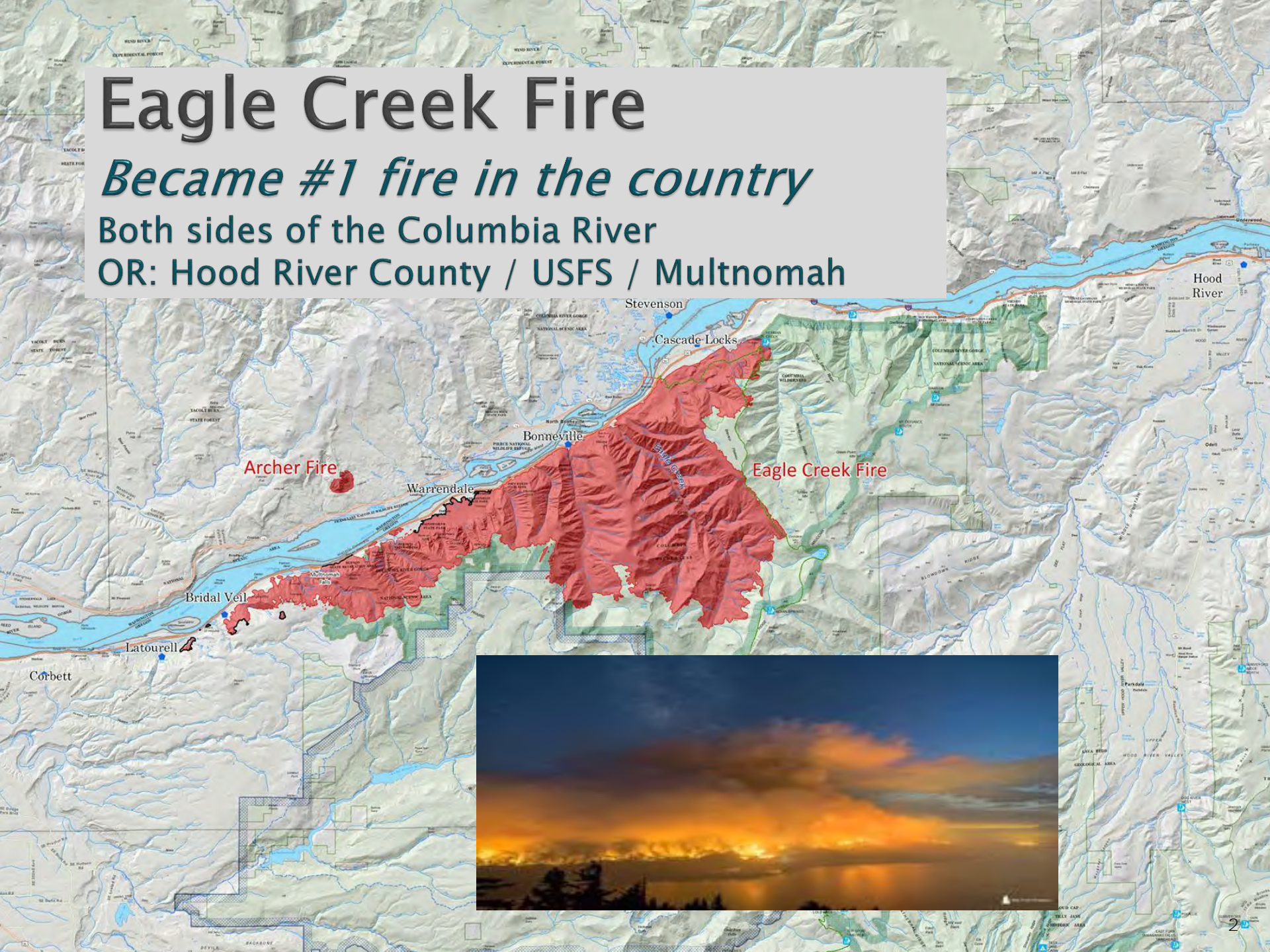


Eagle Creek Fire

Became #1 fire in the country

Both sides of the Columbia River

OR: Hood River County / USFS / Multnomah





Hood River County Natural Hazards Mitigation Plan

Yes, we have plans. But... are we ready?

Hood River County COOP Plan 2016 (Continuity of Operations)

TIER 1 Composite List (6/2/2015)

Tier Rank	Essential Service	Restore Time Operating Hours	Personnel	Essential Equipment	Critical Networks Server Systems	Facilities	Vital Records Documents Databases	
1	Sheriff's Office Patrol & Emergency Response	ASAP 24-hour opns	Sheriff/Chief Deputy Patrol/Parole officers 3 Admin Assistants SAR officers & Volunteers Water rescue officers	vehicles computer radio boats MDT's in cars SAR equipment	GPS 9-1-1 (CAD) connectivity	Mobile CP Comm trailer	9-1-1 CAD Records management (NORCOR has backup files)	Fuel, Inter 9-1-1 Sher Twitt Hood Skan Loca OR Eve
				laptop two dispatch	Phone VHF radio CAP net	Emergency generator Secure workspace (250 sq feet) Primary Alternate: tribe facility	Go Box pre-loaded with key backup documents	Foc Int Sh Ho Lo OR O



Initial response in the event of ...

- Initial Notification
- Life Safety Missions
- Establish Contact with Affected Area
- Establish Shelters
- Transport Displaced People
- Initiate Resource Requests
- Establish State Staging Areas
- Identify Critical Service Outages
- Prioritize Emergency
- Mobilize Heavy Equipment and Personnel
- Clear debris
- Receive Federal Resources
- Expedite Out-of-Area Utility Repair
- Community Planning Needs
- Identify Recovery Priorities

Hood River County Emergency Operations Plan





Initial response in the event of ...

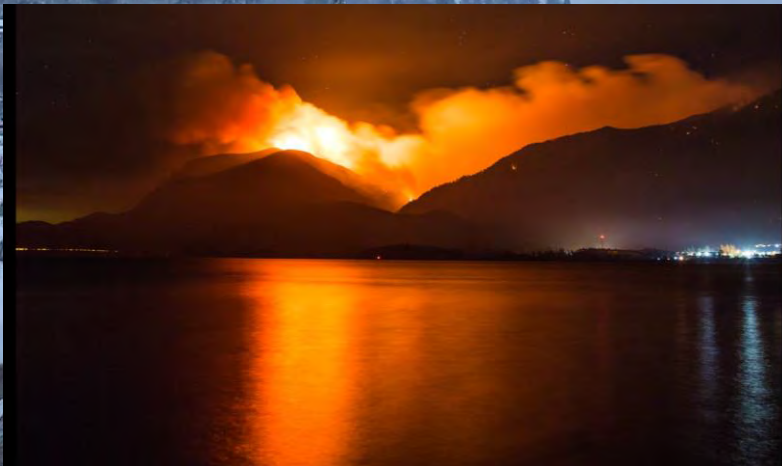
<ul style="list-style-type: none"> Initial Notification Emergency Declarations Activate OERS Succession / Authorities 	<ul style="list-style-type: none"> Life Safety Missions Search and Rescue Medical Care Scene Stabilization Emergency Communications JIC Operations 	<ul style="list-style-type: none"> Establish Contact with Affected Area Establish Lifeline Routes Assess Impacts / Damage 	<ul style="list-style-type: none"> Establish Shelters Transport Displaced People Vulnerable Populations Medical Care at Shelters Mass Feeding Animal Care 	<ul style="list-style-type: none"> Initiate Resource Requests Establish State Staging Areas Locate / Receive Supplies Points of Distribution Emergency Contracting 	<ul style="list-style-type: none"> Identify Critical Service Outages Prioritize Emergency Repairs Plan Development Fatality Management Operations 	<ul style="list-style-type: none"> Mobilize Heavy Equipment and Personnel Clear debris Repair Essential Systems 	<ul style="list-style-type: none"> Receive Federal Resources Expedite Out-of-Area Utility Repair Crews Volunteers and Donated Goods Track Federal Assets and Activation Levels 	<ul style="list-style-type: none"> Community Planning Needs Identify Recovery Priorities Begin Restoring Community Services Identify Human Services Needs Begin Restoring Critical Systems
PLAY 1	PLAY 2	PLAY 3	PLAY 4	PLAY 5	PLAY 6	PLAY 7	PLAY 8	PLAY 9
Notification, Activation and Authorities	Life Safety	Damage Assessment	Mass Care and Sheltering	Logistics and Resource Management	Planning and Prioritization	Emergency Repairs	Outside Assistance	Begin Recovery
(0 – 30 min)	(0 – 72 hrs)	(1 – 72 hrs)	(6 hrs – 30+ days)	(12 hrs – 30+ days)	(18 hrs – 30+ days)	(20 hrs – 7 days)	(1 – 30+ days)	(8 – 180+ days)

DISASTER EVENT!



Agencies, businesses were just recovering from winter impacts (3 months worth...)

Then Eagle Creek Fire came along



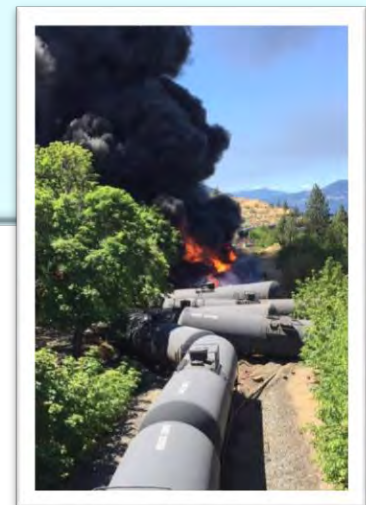
- ▶ 3 week emergency response + months of recovery
- ▶ Tiny communities – high impact

HOOD RIVER COUNTY 2015 – 2017

Emergency Declarations / 5 EOC activations

- Drought July 2015
 - Winter storm Jan 16–20 2017 (Presidential)
 - Solar Eclipse Aug 2017 (statewide)
 - Eagle Creek SAR Sept. 2, 2017
 - Eagle Creek Fire Sept. 2–20, 2017
-
- Prior: Winter storm Jan 2012

5 miles away
June 2016
Mosier Train derailment



Transportation issues

Cut off annually – snow/ice, rock fall, other hazards

- ▶ 2 million+ / year Gorge visitors USFS
 - ▶ 5 million /year Mt Hood Natl Forest USFS
-
- ▶ Year = 11.6 million I-84 daily traffic
31,800/day 2016 ODOT *(only east/west access)*
 - ▶ Year = 1.1 million OR 35 – Mt Hood
3,000/day 2016 ODOT *(only south access)*
Winter storms hamper travel – 500,000 skiers/ year

Narrow, aging Interstate Bridges

ONLY NORTH ACCESS 2 bridges = 5.6 million/yr

Workers– travelers – semi traffic could be stranded

- 1.6 million/year Bridge of the Gods Port of Cascade Locks
- 4 million / year Hood River Bridge Port of Hood River

Residents / commuters cross Columbia River bridges or travel 20–60 minutes on I–84 daily

- ▶ 50% of Hood River County staff HRC payroll



What Eagle Creek Fire – derailment – winter storm – eclipse have in common

- ▶ Crippling transportation loss
- ▶ Resource, fuel, food shortages
- ▶ Small communities = high impact
- ▶ Few back up generators
- ▶ Not enough shelters
- ▶ Boil water / other secondary issues
- ▶ Need supply independence for weeks, during, after a disaster
- ▶ Lack disaster equipment caches
- ▶ Long term economic recovery



June 2016
Mosier Train derailment

Eagle Creek Fire County EOC

(Emergency Ops Ctr) activation – 18 days

- ▶ EOC: by the community – for the community
County Staff/volunteers – 30.25 people/day
- ▶ Partnership in action
 - One EOC countywide – County– Cities– Ports– NGO's, volunteers, Intertribal, School District, fire, law enforcement, health care, etc.
 - 5 counties OR / WA
 - State: ODOT, OHA, OEM, OSFM
 - Compliments IMT (field) response USFS/OSFM



Eagle Creek Fire County EOC

▶ Joint Information Center

- Evacuation notices daily – changing
- Shared evacuation website with Multnomah

▶ Call center – thousands of daily calls

- English/Spanish
- Recorded info line
- As soon as new evacuations notices went out, staffed up

▶ Created one of OR's 1st co. evacuation plans

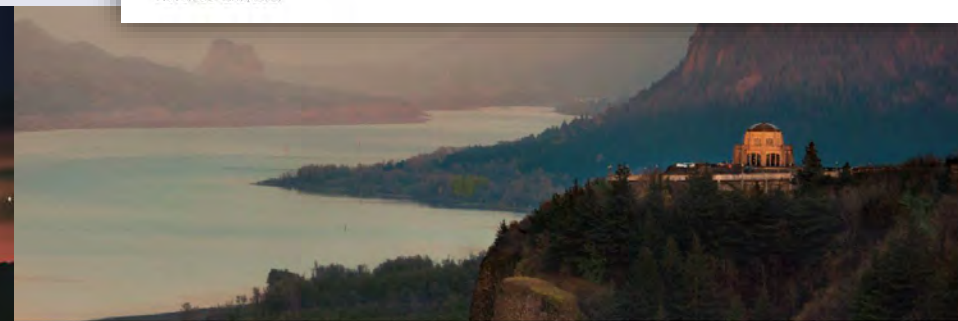
- Included ESF-8 vulnerable populations

▶ Shelter open – 15 days

After the Fire collaboration – recovery phase

County with Governor's Office, OEM, MCEDD, Travel OR, recovery council and partners

- Cascade Locks community relief
- Business outreach
- SBA Loan program requested / activated
Hood River led counties in businesses interested



SHOW THE GORGE SOME LOVE

“Columbia Gorge already earned the distinction of the state highest landslide risk...

Eagle Creek fire heightened that threat
in some of the most popular Gorge areas...
firmly in the landslide zone” - Dogami



2 County Landslide Response planning underway

After heavy rain + snow melt

Using limited county budgets – Hood River / Multnomah

Lack = mitigation PROJECT FUNDING
higher risk assessment and response

- Routine Mitigation plan update is funded – FEMA/DLCD





Disaster Mental Health Plan

Item	Due	Status
1. Review and update the disaster response plan.	10/1/11	Completed
2. Review and update the disaster response plan.	10/1/11	Completed
3. Review and update the disaster response plan.	10/1/11	Completed
4. Review and update the disaster response plan.	10/1/11	Completed
5. Review and update the disaster response plan.	10/1/11	Completed
6. Review and update the disaster response plan.	10/1/11	Completed
7. Review and update the disaster response plan.	10/1/11	Completed
8. Review and update the disaster response plan.	10/1/11	Completed
9. Review and update the disaster response plan.	10/1/11	Completed
10. Review and update the disaster response plan.	10/1/11	Completed

Action Items

Eagle Creek Burn Ar...

Eagle Creek Post Fir...



FINAL - SR 530 Incid...



Final 13 OSO IAP 04...

DRAFT LANDSLIDE RESPONSE Operating Guidelines

1. Obtain as much information as possible and document reporting party.

a. Key data includes:

- Description of situation
- Magnitude of the incident
- Extent of damage
- Potential for loss of lives or further property damage
- Location (area affected)

2. Notify and obtain appropriate resources and assistance from public safety agencies

- Law enforcement
- Fire Services
- EMS and hospitals
- Engineering and public works
- Utilities
- Emergency management
- Red Cross

3. If necessary, activate the warning dissemination plan, the Emergency Alert System (EAS) network and alert the news media.

4. Obtain a state mission number (OERS) if necessary. (800-452-0311 - 24 hr. number).

5. Determine if evacuation may be necessary (refer to evacuation SOP)

6. If there is a need for sheltering and/or evacuation, contact shelter response managers and Red Cross and notify them of the situation.

If possible, give an approximate number of people that they may be sheltering.

7. If outside resources (state/federal) are needed, Emergency Management will contact the State OEM for those additional resources.

8. Obtain subsequent information concerning the situation and if necessary provide updates to State OEM via OERS (1st 800-452-0311 *24 hr. number).

Severe Weather Warning/Possible Flash Flooding Notification Checklist

1. If you receive a call from Communications or the National Weather Service advising a weather WATCH or WARNING or a citizen's report of potential severe weather conditions, then:

- Ascertain where the information came from (i.e. Weather Service, weather spotter, etc.)
- Obtain the reporting party's name and call back number, this includes any calls received from the National Weather Service.
- If necessary, contact the National Weather Service for additional information.

DEPENDING ON THE SITUATION FROM INFORMATION RECEIVED, THEN NOTIFY:

- Communications and advise them of the appropriate actions.
- USFS (XXX) of the information and obtain any weather information they may have.
- The affected fire districts. If necessary, have their chief toned out.
- County Public Works
- Leavenworth Public Works - especially if there may be a threat to their domestic water intake up the Icicle River. (See Agency List tab)
- OSP will notify DOT

2. If you receive information passed on from a citizen, spotter, or any other eyes from the out-of-doors, then:

- If actual flooding, go to C.
- Ascertain the condition, then to A.

3. Report of actual flooding, or a real belief flooding is just about to occur, then:

- Obtain information on the conditions
- Have Communications tone out affected area(s) fire district.
- Assure appropriate law enforcement agencies have been notified,
- Notify USFS/CWICC
- Notify appropriate Public Works/Street Depts.
- Contact National Weather Service for conditions and forecast. Continue to get periodic updates from the Weather Service. MAKE SURE THAT THIS INFORMATION IS COMMUNICATED TO ALL CONCERNED!



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Seeking grants to build resilience

► Response – mitigation – recovery projects:

- Flooding – landslide mitigation – community impacts, prevention
- Search and Rescue
- Mobile EOC – emergency response
- Community emergency equipment caches
- Shelter planning – shelter in place
- Contingency funds for local planning, mitigation and response PROJECTS – 2 counties



OSO
landslide
before /
after

Oregon's greatest strength: people

Partnerships – community – working together

FEMA's "whole community" approach – Integrated Emergency Management



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