

GATED WYE



September 2015 · Oregon Office of State Fire Marshal · 4760 Portland Road NE · Salem, Oregon 97305-1760 · No. 381

Structural deployments stretch resources to the limit

Editor's Note: All information on fire size, damages, etc. is preliminary as of September 1, 2015. This information will be finalized after all data and after action reports are compiled.

State structural resources had little down time after demobilizing from the Stouts Conflagration on August 8th, as August erupted into a busy month for both wildland firefighters and OSFM incident management teams and task forces.

County Line 2 Fire

On August 13th, the OSFM received a request from Warm Springs Reservation officials for structural protection help for the County Line 2 Fire. The OSFM mobilized the Blue IMT (IC Scott Magers) and eight task forces from Clackamas, Lane, Lincoln, Linn/Benton, Marion, Washington #1, Washington #2, and Deschutes/Jefferson counties. More than 1,000 structures were threatened.

On August 19th, the threat to structures had decreased, allowing for the OSFM Blue IMT and all task forces to be demobilized.

As of September 1st, the fire was reported at more than 67,000 acres with 88% containment. Four residences and three minor structures were reported destroyed.

Cornet/Windy Ridge Fire

About three hours after activating the Blue IMT to assist with the County Line 2 Fire, Governor Kate Brown declared the Cornet/Windy Ridge Fire south of Baker City a conflagration. The OSFM activated the Green IMT (IC Ted Kunze) and an initial three structural task forces from Columbia, Clatsop, and Yamhill counties. Marion and Umatilla task forces were added later. More than 170 homes were threatened.

On August 18th, the threat to structures had decreased, allowing for the OSFM Green IMT and all task forces to demobilize.

As of August 29th, the fire was reported at more than 103,000 acres with 80% containment. Four residences and 21 other structures were reported destroyed.

Canyon Creek Complex

The OSFM initially mobilized the Red Incident Management Team, one strike team, and eight task forces after Governor Kate Brown declared the fire burning near John Day a conflagration at 3:37 p.m., August 14th. The fire threatened approximately 700 homes.

On August 23rd, incident commanders, under unified command, agreed the structural threat had lessened enough to allow the IMT and structural task forces to return to their home stations. The next day, two task forces returned to conduct additional patrols and assess the preparation efforts of remaining forestry and local resources.

The morning of August 26th, incident commanders determined the structural protection objectives had been met, including the triage and preparation of structures, clearing brush and flammable materials, and the installation of sprinkler systems. This created a "defensible space" around structures should the fire advance unchecked. This allowed the task force, strike team, and remaining IMT members to return to their home stations.

OSFM worked with the local fire agencies and had contingencies in place for structural protection should the fire conditions warrant additional structural protection.

From the desk of the state fire marshal



A historical season

It was only a few days after the demobilization of structural resources on the Stouts Conflagration when Mother Nature turned the northwest into the number one national firefighting priority.

In the 24-hour period beginning Thursday August 13th, we activated all three OSFM Incident Management Teams and associated task forces to respond to two conflagrations (Cornet/ Windy Ridge and Canyon Creek Complex) and a mobilization to assist with the County Line 2 fire on the Warm Springs Reservation.

These deployments served to be the ultimate test of the Oregon Mobilization Plan and OSFM's resource activation process. Due to the readiness, commitment, and flexibility of our fire defense board chiefs, and the chiefs of participating departments and their staff, you can all be extremely proud of your combined response.

The numbers are historical; in August, we had three IMTs and 19 task forces deployed at the same time, and in total, we deployed 44 separate task forces/strike teams. More than 19 counties contributed resources as part of these strike teams and task forces. I can't thank you all enough for your efforts. Of our 92 IMT members, 77 were deployed as part of an overhead team. Several others were unavailable because they had already mobilized to support the effort as part of a task force or strike team.

During this hectic and historic deployment activity, all of you served with unwavering commitment and professionalism.

I also want to thank the support staff in our agency operations center for their long hours and hard work under daunting conditions.

We can also take pride in the high praise we received on a national level for the way our IMT and deployment system is designed, and the execution of our mobilization plan. Flexibility and nimbleness are key to making it work under difficult and widely varying circumstances, and all of you set a standard for others to follow.

Thank you!

“ These deployments served to be the ultimate test of the Oregon Mobilization Plan and OSFM's resource activation process. ”
- Jim Walker



**State Fire Marshal
Jim Walker**

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**www.oregon.gov/OSP/SFM
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The Gated Wye is published monthly by the Oregon Office of State Fire Marshal. For submissions or suggestions contact Rich Hoover at 503-934-8217 or email richard.hoover@state.or.us. In compliance with the Americans with Disabilities Act, alternative formats of this publication are available.

Fire Prevention Month is almost here!

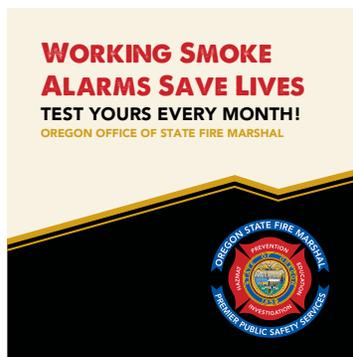
For this year's Fire Prevention Month observation, the OSFM created resources that are available to all Oregon fire service agencies. All of the resources listed below feature this year's smoke alarm messaging.

- 12 piece (5x7 inch) puzzle "Hear the Beep Where You Sleep...Get Out, Stay Out!" for ages 4-7.



Puzzle image

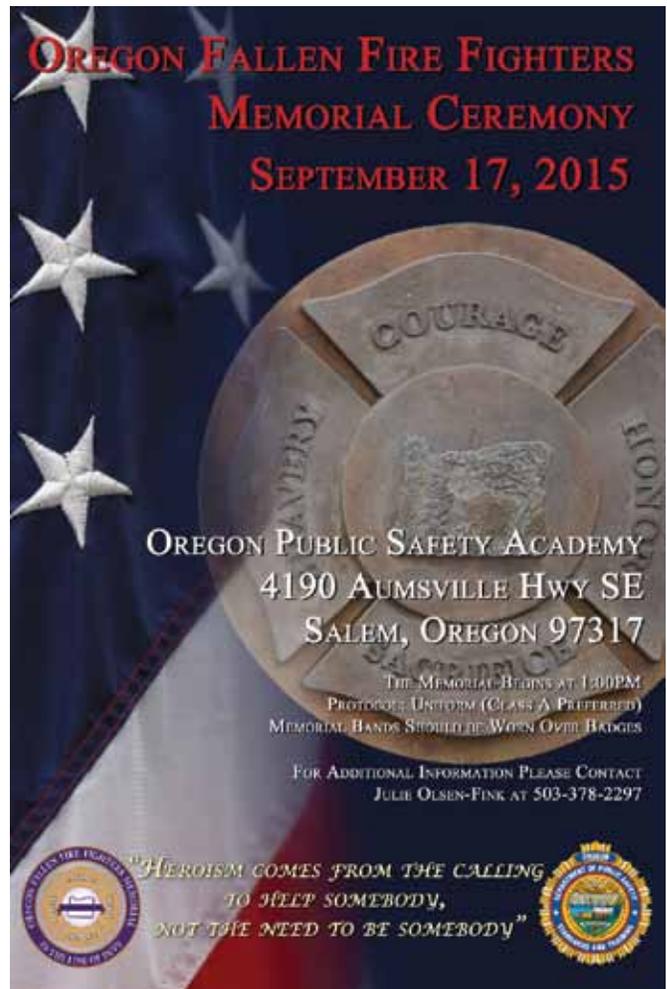
- Heat-sensitive "Get Out, Stay Out!" youth wristbands
- Smoke alarm data sheet
- Smoke alarm "Do Yours Work?" infographic flier
- Social media messaging bank
- "Hear the Beep" temporary tattoos
- Mobile billboard with smoke alarm messaging and home fire escape planning map
- Public service announcements for social media use
- Eyeglass/tech device microfiber cleaning cloth with smoke alarm message



Eyeglass/tech device microfiber cleaning cloth

Visit our [Fire Prevention Month webpage](#) for more information and access to the links to view the material and our order form.

Questions? Please contact OSFM's Fire & Life Safety Education branch at 503-934-8228 or osfm.ce@state.or.us.



Presentation proposals now being accepted for the 2016 Oregon Fire Prevention Workshop

The OSFM is now accepting proposals for educational presentations for the 2016 Oregon Fire Prevention Workshop to be held February 17-19, 2016, at Kah-Nee-Ta Resort & Spa in Warm Springs, OR. We are interested in structural and wildland fire prevention and safety education topics. You may submit as many proposals as you wish, but only one proposal per web form. All proposals will be reviewed by the 2016 Oregon Fire Prevention Workshop Committee. Selections will be based on relevance, focus, cost, and practical application. Lodging and meals are provided at no cost for presenters at the workshop facility.

Proposals are due by September 25, 2015. The 2016 Oregon Fire Prevention Workshop Planning Committee will review proposals October 6, 2015. Submitters will be contacted by October 31, 2015. To submit a proposal, visit the [workshop webpage](#).

For questions, contact either of the Oregon Fire Prevention Workshop Committee Co-chairs:

Tom Fields, Fire Prevention Coordinator
Oregon Department of Forestry 503-945-7440
tom.fields@oregon.gov

Stephanie Stafford, Fire Prevention Coordinator
Oregon Office of State Fire Marshal 503-934-8219
stephanie.stafford@state.or.us

play safe! be safe!® workshops scheduled for October

In partnership with Fireproof Children, Eugene-Springfield Fire Department, Head Start of Lane County, Bend Fire Department, Central Oregon Network, Oregon Fire Marshals Association, and Safe Kids Oregon, the OSFM Youth Fire Prevention & Intervention unit is sponsoring two *play safe! be safe!* workshops in October. These workshops are free.

October 14, 2015 workshop

8:30 a.m. – noon at the Head Start of Lane County, Whiteaker School Site, 21 N. Grant Street, Eugene, Oregon. [Register online](#).
Registration ends September 27, 2015

October 15, 2015 workshop

8:30 a.m. – noon at the Oregon State Police Bend Area Command Office, 20355 Poe Sholes Drive, Bend, Oregon. [Register online](#).
Registration ends September 27, 2015

Workshop topics include:

- Frequency of childrens' use/misuse of fire and firesetting
- Preschool child's understanding of fire
- Teaching preschool children safety skills
- Fire prevention for preschool children
- Involving families in fire safety
- Program evaluation

Participants receive:

- Three hours of training.
- A *play safe! be safe!* multi-media classroom kit available in English / Spanish, including DVD, activity boards, *Keep Away!* card game, resource book.
- Strategies to involve parents in home fire safety and how to work with local community fire service to promote fire education and prevention.

More information on *play safe! be safe!*® is available on our [online flier](#).

For questions, contact Krista Fischer at 503-934-8240 or email krista.fischer@state.or.us.



*** SAVE THE DATE ***

OREGON FIRE PREVENTION WORKSHOP

Find Your Path to Fire Prevention

FEBRUARY 17-19, 2016
Warm Springs, OR

KAH-NEE-TA
RESORT AND SPA

FOR MORE INFORMATION, PLEASE CONTACT:
Tom Fields | tom.fields@oregon.gov | 503-945-7440
Stephanie Stafford | stephanie.stafford@state.or.us | 503-934-8219
www.oregon.gov/osp/SFM/Pages/fpworkshop.aspx

The graphic features a background image of a Native American person in traditional regalia, including a feathered headdress, against a sunset or fire background. At the bottom, there are several circular logos representing various fire and safety organizations.

DATA Connection

News from the Analytics & Intelligence unit
by Program Coordinator Dave Gullede

Estimating dollar losses and values

The data most frequently requested from the Analytics & Intelligence unit are: causes of fires, number of injuries and deaths, and dollar loss estimates. Of these, the dollar loss information is the most elusive. All too often, incident reports are sent to us without dollar loss estimates provided.

Reporting dollar losses from fires is a requirement of the National Fire Incident Reporting System (NFIRS). Dollar loss data can have significant impact on how fires are perceived and give a boost to fire education messages. To say that there were 700 cooking fires in Oregon during a particular year is one point, but to state that those fires resulted in millions of dollars of property loss adds greater meaning. Your attention to reporting dollar losses ensures we have a more accurate view of the impact of fires to the citizens of Oregon.

When we use your dollar value and loss data, we always indicate that the estimates are provided by on-scene firefighters and are not official insurance estimates.

Knowing the pre-incident value of the property and contents also serves an important purpose.

Subtracting property and contents loss from the pre-incident value of the property and contents, gives us an estimate of property and contents saved. Such a measure helps justify the value of fire alarm systems, fire suppression systems, fire education programs, and fire department effectiveness.

We realize property and contents value can be difficult to estimate, but there are tools available to help you with this. A document titled *Standardized Fire Loss Reporting Best Practice Guideline* is available in the Analytics & Intelligence unit's [Reference Materials and Forms](#) section on the OSFM website.

In addition, here are some sources and tips:

- Contact the county assessor for the “real market value” of the structure only.
- If the structure is insured, contact the insurance adjuster to obtain the insured value.
- Visit www.zillow.com for free residential property value data. Look for assessor data that breaks down the building and land values.
- Visit www.saylor.com to purchase manuals on residential, commercial, and industrial construction costs.
- Your local realtor can be a helpful resource.
- Remember to account for unique situations in your estimate, such as if a building is historical or has high-tech features.
- Pay attention to advertisements for the prices of furniture, electronics, and other personal property.
- Ask the building owner to identify affected antiques and their values.
- For vehicle values, visit Kelly Blue Book at www.kbb.com, or National Automobile Dealers Association at www.nada.com.

When it comes down to it, all we need is your best estimate based on observation, experience, training, and professional judgment. Thank you for your attention to estimating dollar losses and values.

Free training available from us

The OSFM Analytics & Intelligence unit offers free training to any Oregon fire service agency on NFIRS incident reporting and the use of Oregon Fire Bridge™.

Training can be provided on-site and customized to meet the needs of your agency. Simply contact our unit, by one of the methods below, to schedule training.

Questions? Please contact the Analytics & Intelligence unit at 503-934-8250, toll free at 877-588-8787, or email osfm.data@state.or.us.

OSFM Smoke Alarm Installation Program training

The Oregon Office of State Fire Marshal is offering free one-hour trainings on our Smoke Alarm Installation Program, which is required for agencies who wish to participate in the program. The program provides smoke alarms, educational materials, and funding assistance to Oregon fire agencies who wish to conduct a smoke alarm installation project in their jurisdiction.

- Sept. 30, 6:00 p.m. Webinar hosted by OSFM via computer & phone. Registration for this class ends: 9/24/2015 [Register](#)
- Oct. 28, 11:00 a.m. Webinar hosted by OSFM via computer & phone. Registration for this class ends: 10/22/2015 [Register](#)
- Nov. 18, 2:00 p.m. Webinar hosted by OSFM via computer & phone. Registration for this class ends: 11/12/2015 [Register](#)
- Dec. 17, 10:00 a.m. Webinar hosted by OSFM via computer & phone. Registration for this class ends: 12/11/2015 [Register](#)

For questions, contact Training and Development Specialist Jamie Whitehouse at 503-934-0039 or email jamie.whitehouse@state.or.us.

September is Campus Fire Safety Month

Campus Fire Safety Month is a nationwide effort to raise fire and life safety awareness on campus. Every year, this effort is led by [The Center for Campus Fire Safety](#) (The Center).

According to The Center, August and September are typically the worst time of year for fatal campus-related housing fires. Unfortunately, some students do not realize how quickly a fire can occur, and most have not received fire safety education since elementary school.

The Center has an [online library of tools and resources](#) for any organization that wants to get involved with this effort.

S-420 Command & General Staff training coming January 2016

The National Wildfire Coordinating Group is planning an S-420 Command & General Staff training January 11-14, 2016, in the Medford area. The course will be funded by a grant from the Oregon Department of Public Safety Standards and Training and will be approved and recognized by the Pacific Northwest Wildfire Coordinating Group.

This is a required course for those seeking certification at the Type 2 level in a Command and General Staff position.

To be added to the interested parties list or for more information, contact Jackson County Fire District Division Chief Dave Blakely at 541-831-2756 (office) or 541-292-4991 (cell) or email daveb@jcfcd3.com.

CCC Emergency Services 50 Year All Class Reunion

Come join in the celebration of the 50 Year Anniversary of Chemeketa Community College's Emergency Services Program.

On September 11, 12, and 13 of 2015 there will be a reunion of all former students, instructors, staff, family members, fire department personnel, and any supporters of the CCC Fire Program.

With three full days of events, there will be something for every family member: Friday night reception, Saturday golf tournament, motorcycle rally and BBQ, and on Sunday an open house at the Brooks Regional Training Center.

Everyone is encouraged to come and relive their glory days with classmates, staff, and instructors!

For questions, please contact Tania Kleinschmit at tania.kleinschmit@chemeketa.edu or Scott Hukari at shukari@chemeketa.edu.

[Follow us on Facebook: Chemeketa Emergency Services - 50th Anniversary Weekend](#)



Butyl Alcohol C_4H_9OH

Description:

- Butyl alcohol (n-butanol or 1-butanol) is an isomer – isomers have the same molecular formula but different chemical structures
- Other isomers include sec-butanol, iso-butanol, and tert-butanol
- Synonyms: 1-hydroxybutane, methylpropane
- Colorless liquid with an alcohol-like odor
- CAS No.: 71-36-3
- EPA Section 302 EHS: Not listed
- EPA Section 112R : Not listed
- EPA Section 304 EHS: Not listed

NFPA 704 Information:

- Health: 2
- Flammability: 3
- Reactivity: 0-1
- Special: None

Uses and Occurrences:

- Produced from fossil fuels
- Some microorganisms can produce butanol through fermentation
- Uses: Solvent, chemical intermediate

Reactivity and Fire Risk:

- Stable
- Highly flammable
- Flash point: 84 - 98.6° F
- LEL: 1.4%; UEL: 11.3%
- Autoignition temperature: 649.4 - 650° F
- Vapor density (air = 1): 2.6
- Specific gravity (water = 1): 0.81
- Boiling point: 241 - 244° F
- Soluble in water
- Mixtures with concentrated sulfuric acid and strong hydrogen peroxide can cause explosions
- May form explosive butyl hypochlorite by reacting with hypochlorous acid
- May react with cellulose based absorbents
- Incompatibles include oxidizing agents, alkali metals, bases, strong acids, and halogens

Health Hazards:

- IDLH: 1400 ppm
- Severely irritating to eyes
- Irritating to skin and respiratory system
- May cause drowsiness or dizziness

Fire Fighting Measures:

- Extinguishing media: Appropriate foam, dry chemical, carbon dioxide, water spray or fog
- Vapors may travel to a source of ignition and flash back
- Vapors are heavier than air and may spread along the ground and collect in low areas
- Use water spray to cool containers

2012 Emergency Response Guidebook:

- Shipping name: Butanols
- Hazard Classes: Flammable Liquids (3)
- UN/NA: 1120; Guide # 129 Flammable Liquids (Polar/Water-Miscible/Noxious)
- Spill: Initially isolate 150 feet in all directions
- Fire: Tank, rail car, tank truck isolate 1/2 mile

2014 Oregon Fire Code: Table 5003.1.1(1)

- Flammable liquid Class IC
- Maximum Allowable Quantities (MAQ) per control area:
- Unprotected by sprinklers or approved storage cabinets: 120 gallons
- In sprinklered building, not within approved storage cabinets: 240 gallons
- In unsprinklered building, within approved storage cabinets: 240 gallons
- In sprinklered building, within approved storage cabinets: 480 gallons
- Group when MAQ exceeded: H-2 or H-3
- Notes d and e

Incident Reporting and Information:

- Facilities reporting butyl alcohol or n-butanol on the Hazardous Substance Information Survey: 6
- Hazardous materials incidents reported in Oregon since 1986: 1

References include:

- [Cameo chemicals – n-Butyl alcohol](#)
- [CDC NIOSH Pocket Guide – n-Butyl alcohol](#)
- [Eastman Chemical Co - n-Butanol SDS](#)
- [Sasol Solvents - n-Butanol SDS](#)
- [Sigma-Aldrich – 1- Butanol SDS](#)
- [EPA List of Lists, March 2015](#)

For questions or suggestions, contact Aleta Carte at 503-934-8262 or aleta.carte@state.or.us.

Fires

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On the afternoon of August 26th, severe weather conditions led to a dramatic increase in erratic fire behavior. The fire crossed fire lines and rapidly advanced towards structures in the Pine Creek, Dog Creek, and Indian Creek road areas. OSFM structural resources were requested per the response plan with the local fire agencies. Three task forces and the Red Incident Management Team reentered unified command.

As designed in the contingency plans, local resources were able to manage the situation until OSFM structural resources arrived.

The responding OSFM structural task forces were also reconfigured with different apparatus to enhance response in this area with narrow, rutted, and steep roads.

On September 2nd, the threat to structures had reduced enough to allow the task forces and IMT members to demobilize.

As of September 1st, the fire was reported at more than 105,000 acres and 49% containment. Forty-three residences have been confirmed destroyed and 50 others damaged.

Grizzly Bear Complex

The Grizzly Bear Complex burning toward the city of Troy, Oregon in Wallowa County was declared the third conflagration of the month on August 20th.

The fire started in Washington and rapidly spread south into Oregon. The OSFM once again mobilized the Green Incident Management Team (IC Ted Kunze) and task forces from Clatsop, Columbia, Marion, and Yamhill counties. The fire threatened more than 100 homes and other structures, including a local school. Three residences and approximately 20 outbuildings were reportedly lost prior to structural resources arriving on scene.

By the morning of August 25th, the structural threat had reduced enough to allow IMT members and task forces to demobilize.

As of September 1st, the fire was reported at more than 74,000 acres with 20% containment. Five residences were reported destroyed in Washington and Oregon.

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Albany fire marshal selected to lead OSFM Fire & Life Safety Services

The OSFM is pleased to announce the selection of Mike Trabue as OSFM Assistant Chief Deputy and Manager of the Fire & Life Safety Services branch.



Mike has more than 30 years of experience in the fire service and comes to the OSFM from his most recent position as fire marshal for the Albany Fire Department. Mike has also served as an investigator and assistant fire marshal for the Redmond (WA) Fire Department, a fire inspector and hazardous materials team leader for the Bellevue (WA) Fire Department, and a deputy fire marshal for the Salem Fire Department.

Throughout his career, Mike has implemented comprehensive programs in fire and life safety, code compliance, community education, and fire investigation. He has an extensive professional development background and is a graduate of several courses at the National Fire Academy.

Mike has an associate degree in public fire administration and a bachelor's degree in business administration. He currently serves as 2nd vice president on the OFMA board.

Mike will begin his new role at the OSFM on September 14, 2015.

Job opening

City of Albany, Oregon, is recruiting for a full-time Division Chief - Fire Marshal with the Albany Fire Department.

This position oversees the department's Life Safety Division and is responsible for fire prevention and life safety related matters throughout the community.

If interested, visit the [City of Albany's website](#) to submit your online application materials (application required) by September 13, 2015.