

# GATED WYE



May 2015 · Oregon Office of State Fire Marshal · 4760 Portland Road NE · Salem Oregon 97305-1760 · No. 377

## Get your toolkit for Wildfire Awareness Month

**W**ildfire Knows No Season is the theme for Oregon Wildfire Awareness Month this May. This public awareness campaign highlights wildfire prevention education messages, events, and opportunities for involvement statewide. Our education efforts call on citizens to be mindful of the growing potential for wildfires, and to follow basic fire-safety rules and precautions.

Oregon's first Wildfire Awareness Week was proclaimed in May 2001. A multi-agency effort was led by the Office of State Fire Marshal and included the Oregon Department of Forestry, structural fire agencies, insurance industry representatives, and others. A campaign toolkit was developed with model proclamations and recorded public service announcements for distribution to media outlets. In 2008, the Keep Oregon Green (KOG) Association became the caretaker of the annual campaign.

May 2015 is the 14th year of the annual campaign, and Oregon's 7th year of involvement in a proclamation that includes



seven western states working to address wildfire issues (MT, ID, OR, CA, NV, UT, SD).

### Campaign Goal:

Encourage the public to use this observance to reduce ignitions and losses from wildland fires.

### Objectives:

- Increase public awareness of the upcoming fire season and the danger of wildfire

- Reduce the risk of wildfire to homes and communities
- Decrease the number of human-caused wildfires

### Target Audiences:

- Residents of the wildland/urban interface
- Recreationists (campers, hikers, recreational vehicles)

Two sub-themes will be divided in each half of the month:

- 1) Are you prepared for wildfire?
- 2) The high cost and consequences of wildfire.

Each week in May, KOG, ODF, and the OSFM will highlight a new wildfire prevention topic and communicate prevention messages statewide. Topics will focus on spring cleaning and defensible space (May 4), backyard debris burning (May 11), recreation/campfire safety (May 18), and the true cost of a human-caused wildfire (May 25).

Graphics and pre-scripted 'grab and go' resources are

# From the desk of the state fire marshal



## Moving forward

It's "strategic planning season" at the OSFM, so I thought I would cover some of the things we are focusing on.

In order for any organization to be successful, it must have a road map, and the OSFM's road map needs to identify where we are, where we want to go, and how we will get there.

Therefore, I have set up task groups to concentrate on five main categories in our strategic plan – Leadership/Organization, Technology, Marketing and Communications, Succession/Training, and Budgeting.

Our future of providing Premier Public Safety Services in each of these priority areas will still revolve around our mission of protecting citizens, their property, and the environment from fire and hazardous materials, and our core values of Professionalism, Credibility, Collaboration, Leadership, and Dedication.

OSFM services are planned and delivered through collaboration with stakeholders. Each program has performance measures for key mission areas, and each manager works with their staff to develop a biennial work plan to accomplish its goals. Process and outcome improvements are emphasized at all levels in all programs.

Part of our communication strategy involves reaching out in new ways, including social media through our Twitter and Facebook accounts. We have also created a video covering our annual accomplishments for 2014, which will be available soon on our website.

We remain committed to continually evaluating the effectiveness of our units and programs. We will regularly request input from our partners to ensure we are delivering quality service. Only through a healthy partnership, mutual trust, and understanding of each other's goals can we provide premium public safety services.

I welcome any suggestions from any of our readers on what we can do to make the OSFM a better organization.

**“We remain committed to continually evaluating the effectiveness of our units and programs.”**

– Jim Walker



**State Fire Marshal  
Jim Walker**

**Office of  
State Fire Marshal**

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**[www.oregon.gov/OSP/SFM](http://www.oregon.gov/OSP/SFM)  
503-934-8200**

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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](mailto:richard.hoover@state.or.us). In compliance with the Americans with Disabilities Act, alternative formats of this publication are available.

available in an electronic toolkit via [ODF's external webpage](#):

The toolkit contains:

- Prevention checklists for public distribution (defensible space, debris burn, campfire)
- Link to ODF's Flickr site (photos)
- Pre-scripted social media messages (Twitter and Facebook)
- Pre-scripted press release templates
- Videos (ODF and KOG PSAs, Smokey Bear PSAs, and Fire Adapted Communities PSAs)
- Print-quality PDFs
  - WAM half-page flyer
  - WAM posters
  - ¼ page print ad template
  - Web banners and email signatures (horizontal and vertical)

Contact Kristin Babbs at 503-945-7499 or [kbabbs@odf.state.or.us](mailto:kbabbs@odf.state.or.us), or Tom Fields at 503-945-7440, or [tfields@odf.state.or.us](mailto:tfields@odf.state.or.us), with any ideas, questions, or concerns you have regarding Wildfire Awareness Month.

## Do you know a community taking action to be wildfire safe? Tell us about it!

In an effort to highlight communities and homeowner associations that are taking action to create survivable space and other wildfire prevention efforts, we are asking fire agencies from across the state to send us their stories and photos of the good work being done.

The OSFM wants to ensure that we recognize those making an effort to protect their home, their neighbors' homes, and the community around.

Please contact OSFM Community Liaison Rich Hoover at 503-934-8217 or [richard.hoover@state.or.us](mailto:richard.hoover@state.or.us).

## Cigarette safety postcard available

In association with the SmokeFree/FireSafe partnership, the OSFM has free postcards available for educating citizens about being fire safe when disposing of cigarettes.

The postcard, which has space for personalization by local fire agencies, is the product of Oregon's SmokeFree/FireSafe partnership with representatives from agencies including fire and public health, and the Oregon Smokefree Housing Project funded by the Oregon Health Authority.



For copies of the postcard, call 503-934-8228 or email [osfm.ce@state.or.us](mailto:osfm.ce@state.or.us). You can also request postcards through our [online order form](#), under the "Bookmarks, Post Cards, and Rack Cards" section.

## 2015 SERC/LEPC Conference May 12-14, Seaside, Oregon

A great opportunity for local emergency planning members, emergency managers, first responders, industry members and more.

[Registration is free!](#)

Limited scholarships available for lodging and mileage; contact Sue Otjen at 503-934-8227 or [sue.otjen@state.or.us](mailto:sue.otjen@state.or.us).

# New communication equipment ready for IMT deployment

by  
OSFM Readiness Coordinator Chad Hawkins

The OSFM Incident Management Team Communication Unit recently purchased some new and innovative communication equipment. The new equipment will be ready for use during the upcoming fire season, or any other emergency incident across the state when needed.

Since the inception of the OSFM Communications Unit, amateur radio operators have supported the structural/wildland fire service by setting up rapid deployment ad hoc communication circuits during emergency incidents. Initially, the radio operators used their personal equipment, but eventually the OSFM purchased some basic, commercial-grade communication supplies.

The radio operators used their creativity and skill to build workable yet rudimentary rapid deployment repeaters. These repeaters were able to provide wide-area communications on an emergency incident to firefighters and other first responders. However, with changes in technology those systems became outdated.



Left to right: solar panel, one case of 30 Bendix radios, BlueSky mast, and Codan repeater.

The OSFM has invested in two public safety quality and state of the art Codan/Daniels repeaters for the Incident Management Teams. These offer a wide range of settings and abilities to keep all firefighters and first responders in constant communication and safe while on-scene at an incident.

These new units are self-sufficient, solar powered systems requiring no maintenance or personnel while operating. Additionally, the OSFM purchased 75 Bendix King (BK) handheld radios,

eight BlueSky mast systems, and multiple high grade antennas to further enhance communication capabilities.



One of three communication trailer and rig setups that can be deployed to a conflagration or all-hazard emergency.

The new equipment will make a tremendous difference in our ability to quickly deploy a repeater once a location is determined, as well as reduce maintenance requirements during an incident. The equipment is also compatible with almost every first responder/fire agency in the nation.

Although we are anticipating a busy fire season, we are confident our new communication equipment will provide the best possible communication capability for our responders in these rapidly changing and highly dynamic emergency incidents.

## 2015 Oregon Fire Service Mobilization Plan available

The updated 2015 [Oregon Fire Service Mobilization Plan](#) is now available online.

If you would like a printed version, contact Mariah Rawlins at 503-934-8293 or email [mariah.rawlins@state.or.us](mailto:mariah.rawlins@state.or.us).



# DATA Connection

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

## How Does Oregon Compare?

The US Fire Administration's National Data Center provides comparative information on incidents each state has reported to the national level, and breaks that down to show how many of those incidents were fire, EMS, or non-fire/non-EMS. Based on information for 2014, here is how Oregon compares to the other 49 states:

- In the total number of incidents reported, Oregon was 21st with 312,422. Florida had the most with 2,703,112 and Iowa had the least with 2,559.
- In total number of EMS calls reported, Oregon was 19th with 189,491. Florida had the most with 2,036,116 and Iowa had the least with 1,295.
- In the total number of fire calls reported, Oregon was 28th with 12,428. Texas had the most with 81,079 and Iowa had the least with 69.
- In the total number of non-fire/non-EMS calls reported, Oregon was 18th with 110,503. Florida had the most with 613,267 and Iowa had the least with 1,195.

## Is your information included?

The Analytics & Intelligence Unit only submits incidents that are 100% valid under NFIRS standards to the national level. If an incident report is missing a key piece of information or is only partially filled out, it does not get sent to the national level.

This is because data sent to the national level that is not valid is not used for research or statistical analysis.

Incidents do not have to be 100% valid to be submitted to the state. The state uses all submitted data for research and statistical analysis. This means if you only have some information, but are pending details of an ongoing investigation to be

able to complete a report, you can still submit the information you have to the state. As soon as the remaining details are available, add that information to the report. Only when your report is 100% valid will it be sent to the national level.

Each month, the Analytics & Intelligence Unit uploads incident data to the national level. The upload includes data from the period two months prior. This month, we will be submitting March's data. In addition, every month we upload any changes or additions that have been made throughout the year that have not been previously submitted.

The state's incident reporting database shows 7,085 Oregon incidents were not reported to the national level in 2014 because they were not 100% valid. This represents about 2% of all incidents.

To date in 2015, more than 1,000 reported incidents in Oregon (about 2% of all incidents) are considered not 100% valid.

We strongly encourage departments to ensure all incidents they report to the state are able to be reported to the national level.

Run an *Incomplete NFIRS Incident Report List* for your department, or ask the OSFM Analytics & Intelligence Unit to provide it to you. This report will identify which incident reports are not complete to the NFIRS standard and what specific information is missing.



Screen shot sample of an incomplete NFIRS incident report.

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

## OSFM updating Competency Recognition Program

The OSFM will be revising and updating the curricula for the OSFM Competency Recognition Program with expected completion by late summer 2015.

The Fire and Life Safety Competency Recognition Program defines competencies, provides education, and recognizes commitment and scope of practice among fire and life safety professionals in Oregon. The program is a joint effort between the OSFM and the Oregon Fire Marshals Association.

The competency recognition program focuses on fire and life safety training, and technical certifications. These certifications include Department of Public Safety Standards and Training Fire Inspector Task Books, which are based on the National Fire Protection Association's 1031 Professional Standards for Fire Inspectors, as well as International Code Council certifications.

You can find out more information by visiting the [OSFM Competency Recognition Program webpage](#).

### OSFM job opening

The Office of State Fire Marshal, a Division of Oregon State Police, is seeking highly qualified candidates to fill the position of Principal Executive/Manager E, Assistant Chief Deputy.

This permanent, full-time position administers, manages, and directs activities for the state of Oregon's statewide Regional Hazardous Materials Emergency Response Teams, Incident Management Teams, and Community Right to Know Program.

The position is located in Salem, Oregon. Salary is \$65,904 - \$97,044 annually.

View the [full job description and qualifications online](#).

## Reminder – OSU fire-resistant plant guide available online

Fire-Resistant Plants for Oregon Home Landscapes, a guide posted on the web, can help homeowners find plants that minimize fire hazards around their homes. Produced by Steve Fitzgerald and Amy Waldo of the Oregon State University Extension Service, the new guide provides a list of plant materials, divided into groups such as groundcovers, perennials, trees and shrubs. The plants are keyed for adaptability to specific growing regions in Oregon.

"Folks who live in or adjacent to forests need to be concerned about fuel around their home, which includes landscape plants," said co-author Stephen Fitzgerald, an extension forester in Central Oregon. "This list provides an assortment of plants that add to the aesthetic value of their home landscape without adding to the fuel and fire-risk."

[Online link for Fire-Resistant Plants for Oregon Home Landscapes.](#)

## 2015 Annual OVFA Conference

The Oregon Volunteer Firefighter Association, in partnership with the Pendleton Fire & Ambulance Department, is hosting its 57th annual training conference June 17 – 20, 2015, in Pendleton, Oregon.

Training includes EMS classes, Swift Water Rescue, Explosive Device Recognition, Vehicle Car Extrication, High Angle Rope Rescue, DPSST Mayday & Self Rescue, as well as courses in HazMat Awareness, Instructor II, and Railroad Incidents.

Cost ranges from \$150 to \$599. A brochure, registration form, and scholarship application are available on the [OVFA website](#).

For questions or more information, contact Jessica Carpenter at 503-378-0896 or email [Jessica@ovfa.org](mailto:Jessica@ovfa.org).





## Cyclohexylamine $C_6H_{11}NH_2$

### Description:

- Synonyms: Cyclohexanamine, aminocyclohexane
- Colorless to yellow liquid with a fishy amine-like odor
- CAS No.: 108-91-8
- EPA Section 302 EHS: 10,000 pounds
- EPA Section 304 EHS: 10,000 pounds
- EPA Section 112R : 15,000 pounds
- OSHA PSM: Not listed

### NFPA 704 Information:

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

### Uses and Occurrences:

- Intermediate in synthesis of some organic compounds
- Building block for some pharmaceuticals

### Reactivity and Fire Risk:

- Stable
- Flammable
- Flash point: 80.6-89.6° F
- LEL: 1.5%; UEL: 9.4%
- Autoignition temperature: 559-560° F
- Vapor density (air = 1): 3.42
- Specific gravity (water = 1): 0.86 – 0.87
- Boiling point: 273-274° F
- May generate flammable hydrogen gas in combination with strong reducing agents, such as hydrides
- Incompatibles include strong oxidizing agents, organic acids, mineral acids, and peroxides
- May react with mineral/clay based absorbents

### Health Hazards:

- IDLH: Not given
- Considered a nerve poison with a probable oral lethal dose of 50-500 mg/kg or between 1 tsp and 1 oz for a 150 lb. person (NOAA Cameo Chemicals)
- Corrosive-Causes severe damage to all tissues

### Fire Fighting Measures:

- Soluble in water
- Extinguishing media: Appropriate foam, dry

chemical, carbon dioxide, water 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: Cyclohexylamine
- Hazard Classes: Flammable Liquids (3); Corrosive substances (8)
- UN/NA: 2357; Guide # 132 Flammable Liquids - Corrosive
- Spill: Initially isolate 150 feet in all directions
- Tank or rail car: Isolate ½ mi in all directions

### 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

### Incident Reporting and Information:

- Facilities reporting Cyclohexylamine on the Hazardous Substance Information Survey: five
- Hazardous materials incidents reported in Oregon since 1986: one

### References include:

- [NOAA Cameo chemicals – Cyclohexylamine](#)
- [CDC Niosh Pocket Guide – Cyclohexylamine](#)
- [Sigma-Aldrich – SDS Cyclohexylamine](#)
- [BASF - SDS Cyclohexylamine](#)
- [Acros Organics - MSDS Cyclohexylamine](#)
- [Science Lab.Com – MSDS Cyclohexylamine](#)
- [EPA Consolidated List of Lists, March 2015](#)

For questions or suggestions, contact Aleta Carte at 503-934-8262 or [aleta.carte@state.or.us](mailto:aleta.carte@state.or.us).

# Oregon Office of State Fire Marshal Training Opportunities



A division of Oregon State Police

## Smoke Alarm Installation Program

The Oregon Office of State Fire Marshal (OSFM) is offering free training 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.

The training will include:

- Planning a smoke alarm installation project
- Replacing smoke alarms and batteries
- Oregon smoke alarm law
- Smoke alarm types and installation
- Installation briefing
- Program requirements
- Applying for the program, ordering smoke alarms, and educational materials
- Project funding

DATE:	TIME:	LOCATION:
May 19, 2015	10:00 a.m. - 11:00 a.m.	Seaside Fire & Rescue 150 S Lincoln St, Seaside
May 19, 2015	3:00 p.m. - 4:00 p.m.	North Lincoln Fire & Rescue 2525 NW Hwy 101, Lincoln City
May 27, 2015	6:00 p.m. - 7:00 p.m.	La Grande Fire Department 1806 Cove Ave, La Grande
May 28, 2015	1:00 p.m. - 2:00 p.m.	Hermiston Fire Department Station #3 78760 Westland Rd, Hermiston

Early registration is recommended, space is LIMITED to 30 participants for each class. Register here for the Seaside training: <http://saipmay19-10am.eventbrite.com>  
Register here for the Lincoln City training: <https://saipmay19-3pm.eventbrite.com>  
Register here for the La Grande training: <http://saipmay27-6pm.eventbrite.com>  
Register here for the Hermiston training: <http://saipmay28-1pm.eventbrite.com>

For more training opportunities visit: <http://www.oregon.gov/osp/SFM/Pages/Training.aspx>

Oregon Office of State Fire Marshal



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